



ecology and environment, inc.

International Specialists in the Environment

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MEMORANDUM

TO: Paul Doherty, EPA/START PO

FROM: Joe Parish, E & E/STM *JCC for*

THRU: Hieu Q. Vu, P.E., CHMM, E & E/START PM *JCC for*

DATE: March 19, 1997

SUBJECT: Removal Action: Southern Cross Lumber Dioxin Site, Hazelwood, Missouri

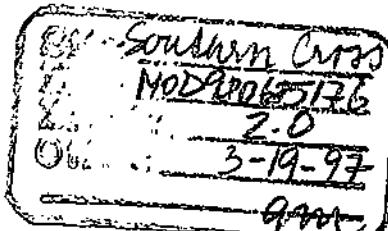
CERCLIS I.D.: MOD980685176

SSID: 69

TDD: S07-9610-008A

PAN: 0309SCRAXX

OSC: Mark Thomas



INTRODUCTION

The Ecology and Environment, Inc. (E & E), Superfund Technical Assessment and Response Team (START) was tasked by the U.S. Environmental Protection Agency (EPA) Region VII Emergency Response and Removal (ER&R) program under Technical Direction Document (TDD) S07-9610-008A to provide site documentation and sampling as required at the Southern Cross Lumber dioxin site, Hazelwood, Missouri, during the removal of soil contaminated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (dioxin). START member (STM) Joe Parish was assigned as the START project manager. The EPA on-scene coordinator (OSC) was Mark Thomas.

40249785



SUPERFUND RECORDS

BACKGROUND, SITE DESCRIPTION, AND SITE HISTORY

The Southern Cross Lumber (SCL) dioxin site is located in Hazelwood, Missouri at 143 McDonnell Blvd., just north of Lambert International Airport (Attachment A: Site Locator Map). The geographic coordinates for the site are latitude 38°45'48" North, and longitude 090°21'50" West.

The site consists of four parcels of land, one located on McDonnell Blvd., and the other three located off of Byassee Drive (Attachment B: Site Map). The four parcels (designated Parcels A, B, C, and D) are occupied by various trucking companies, including United Freight Services and B & B Freight. Southern Cross Lumber, Inc. operated at the properties until the early 1990's. The current site owner, MLC Holdings, Inc. of Kentucky, leases the property to the various site operators.

According to eye-witness testimony, three of the parcels (Parcels A, B, and D) were sprayed by the Bliss Waste Oil Company for dust suppression during the early 1970's. The Bliss Waste Oil Company operated in the 1970's spraying parking lots, roadways, and horse arenas with waste oil, chemicals, and sludges for dust suppression and weed control. Sludge from still bottoms was routinely received from the now-defunct Northeastern Pharmaceutical and Chemical Company plant in Verona, Missouri, which produced hexachlorophene that was used in the manufacture of industrial/surgical soap. Dioxin was a byproduct of the hexachlorophene production, with elevated concentrations of the contaminant primarily residing in the still bottom sludge. Low-viscosity waste oil was often sent to other oil recyclers/reformulators by Bliss' company, while heavier oils and sludges were generally mixed with surplus waste oil for surficial application via spraying.

Site investigations began in 1982, at which time the EPA collected 12 samples from Parcels A, B, and D. Samples were collected at a depth range of from 6 to 18 inches below grade. Analytical results were reported ranging from 0.5 to 4.3 parts per billion (ppb) dioxin. An additional 17 samples were collected by a contractor to SCL. Preliminary data reported to the EPA indicated only one sample was positive for dioxin, at a concentration of 3.55 ppb, although the quality of the data was never established.

A site assessment was performed by the EPA assisted by the former E & E Technical Assistance Team (TAT) in May 1994. Results of that investigation showed that a total of 13 acres on all four parcels was contaminated with dioxin at concentrations ranging from 1.0 to 44 ppb.

ppb were transported to Times Beach. The transportation of materials to Times Beach began on November 8 and continued until December 5, 1996.

The PS-1 air monitoring began on November 6, 1996, and continued throughout the project. Monitoring was performed in accordance with the standard operating procedures outlined in the Quality Assurance Project Plan For Air Monitoring at Dioxin Remediation Sites, Revision 4, March 7, 1996. The PS-1's were structured as follows. A 4-inch fiber glass filter (GFF) was placed in the upper chamber of a dual-chamber module to collect particulate-bound contaminants. The vapor phase contaminants were collected in the lower chamber, where the polyurethane foam (PUF) medium was contained in a cylindrical glass cartridge that was supported by a stainless steel mesh retainer. The PS-1's were operated twice a week for periods of 72 hours, only interrupted on Sundays when there were no excavation activities. For each sampling period, the beginning and ending flow rate, time, and meter reading were recorded. Following the removal of the modules from the samplers, the GFF was removed, folded in half with the particulate side inward, and placed in a glass cartridge containing the PUF. The sample was wrapped in aluminum foil and placed in a clean jar and sealed with a Teflon-lined lid. Samples were submitted to ATAS for analysis.

ERCS continued to excavate cells in Parcels B and C until the second week of November (Attachments D and E). During the week ending November 16, 1996, ERCS excavated the remaining cells in Parcel C, and began excavating cells in Parcels A and D. Soils from cells at concentrations greater than 10 ppb were transported off site, while ERCS continued to stockpile soils contaminated at lower concentrations in Parcel C. During this period, ERCS began to consolidate and spread the soil in Parcel C as the excavation was completed in that parcel. By the week ending November 23, 1996, ERCS finished excavating in Parcel A, except for one cell. It was excavated the following week and all removal activities were focused on Parcel D.

During the final week of November, the OSC directed START to assist in procuring split spoon samples along the perimeter of Parcel D just outside the fence at the southeast property line, along the fence at the west property line, and just outside the fence at the north property line along the railroad easement. These locations are shown as perimeter cells numbered 1 through 43 on the site map of Parcel D (Attachment F). Analytical results indicated that the cells along the south property line were contaminated at concentrations greater than 1 ppb, those along the west property line were not contaminated above the action level, and four of the cells along the railroad easement were contaminated

SITE REMOVAL ACTIVITIES

Site removal activities began the last week of October 1996 and continued into the third week of December 1996. The removal contractor was Smith Environmental, Inc. under the Emergency Response Cleanup Services (ERCS) contract. The response manager (RM) for ERCS was Jim Davis and the site foreman was Steve Hite. The START team consisted of the project manager, Parish, assisted by one or two other STMs, as needed for sampling. ERCS generally performed the site cleanup with a crew of 12 to 14 laborers. The cleanup criteria was 1 part per billion (ppb) for soil depths to 12 inches, and 10 ppb for depths from 12 inches to 4 feet, or to bedrock. All soils contaminated with dioxin at concentrations equal to or greater than 10 ppb were transported to Times Beach for incineration. Soils contaminated with dioxin at concentrations less than 10 ppb to 1 ppb were consolidated on Parcel C, then spread, graded, and capped with 12 inches of clean fill and gravel. Only cells at concentrations greater than or equal to 10 ppb (i.e., those soils being transported off site to Times Beach) were excavated in Parcel C.

From October 30 through November 7, 1996, site preparation activities occurred. This included setting up the site trailers, air monitors, and meteorological station. The air monitors (General Metals PS-1 PUF samplers) were set up to monitor for airborne dioxin during the removal activities. Air monitors in Parcels B and C were set up on November 6 at three of the nine locations shown in the site map (Attachment B), and at a fourth location on November 9. The locations of the PS-1's were repositioned throughout the site work, depending on which parcels were being excavated, in order to provide for maximum coverage. The air monitor SC-1, located at the southwest corner of Parcel B, was designated the sensitive receptor, because of its close proximity to the site command post. During this period, ERCS mowed the vegetations (brush-hogged) in Parcel C to prepare this area for the consolidation operation, and assisted in setting up the PS-1's and other equipment as needed.

The excavation of soil began November 8, 1996, at Parcels B and C (Attachment B: Site Map). The ERCS excavated 28- by 28-foot cells in lifts typically of six to 12 inches. After each excavation, the cells were sampled by START using the Montana method. Nine aliquots were collected from each cell using a clean stainless steel spoon and pie pan, homogenized, and placed in a Whirl-Pak™ bag. The samples were then placed in a cooler, which was sealed and submitted to the contract laboratory, American Analytical and Technical Services (ATAS) in St. Louis, Missouri, for analysis with rapid (24-hour) turnaround for dioxin. ERCS stockpiled excavated soil with concentrations of dioxin contamination less than 10 ppb to 1 ppb in Parcel C for later consolidation. Soil from cells at concentrations greater than 10

greater than 1 ppb up to 3.5 ppb. Contaminated cells were all excavated to a depth of 12 inches, as shown in Attachment F.

ERCS continued to excavate the cells in Parcel D until December 16, 1996, at which time the excavation was completed. As cells were excavated, they were backfilled with gravel. On December 3, the last cell was excavated that was contaminated with dioxin above 10 ppb, and on December 5, transportation of soil to Times Beach for incineration was completed. Approximately 4,300 tons of material had been transported off site to Times Beach. The remainder of the site work consisted of consolidation of contaminated materials in Parcel C, and capping the materials with backfill and gravel. This operation was completed the week ending December 21, 1996. Approximately 17,000 tons of material were consolidated in Parcel C.

A site activities summary is provided in Table 1.

Table 1

SITE ACTIVITIES SUMMARY

PARCEL	EXCAVATION DEPTH	INCINERATED #		CONSOLIDATED		COMBINATION*	
		# CELLS	TONS	# CELLS	TONS	# CELLS	TONS
A	6"	1	40	13	470	1	70
	12"	---	---	15	1,100	1	70
B	6"	2	70	37	1,300	---	---
	12"	1	70	17	1,200	1	70
C	6"	15	540	---	---	---	---
	12"	18	1,290	---	---	---	---
D	6"	4	140	164	5,900	---	---
	12"	26	1,900	95	7,000	5	360
TOTALS (Tons of Soil)		4,050		17,000		570	

* = i.e., first 6 inches of material were incinerated, remaining 6 inches were consolidated.

CONCLUSIONS AND RECOMMENDATIONS

START was tasked to provide assistance to the EPA/ER&R during removal activities of dioxin-contaminated soil at the Southern Cross Lumber site. START provided site documentation and verification sampling as needed. Site activities occurred from late October through the third week of December 1996. Approximately 4,300 tons of contaminated soil were transported from the site to Times Beach for incineration, and approximately 17,000 tons of contaminated soil were consolidated on the site within Parcel C and capped with 12 inches of fill and gravel.

Removal Considerations

As a result of the removal of the contaminated soil described in this report, no conditions are known to remain that would warrant further removal activities.

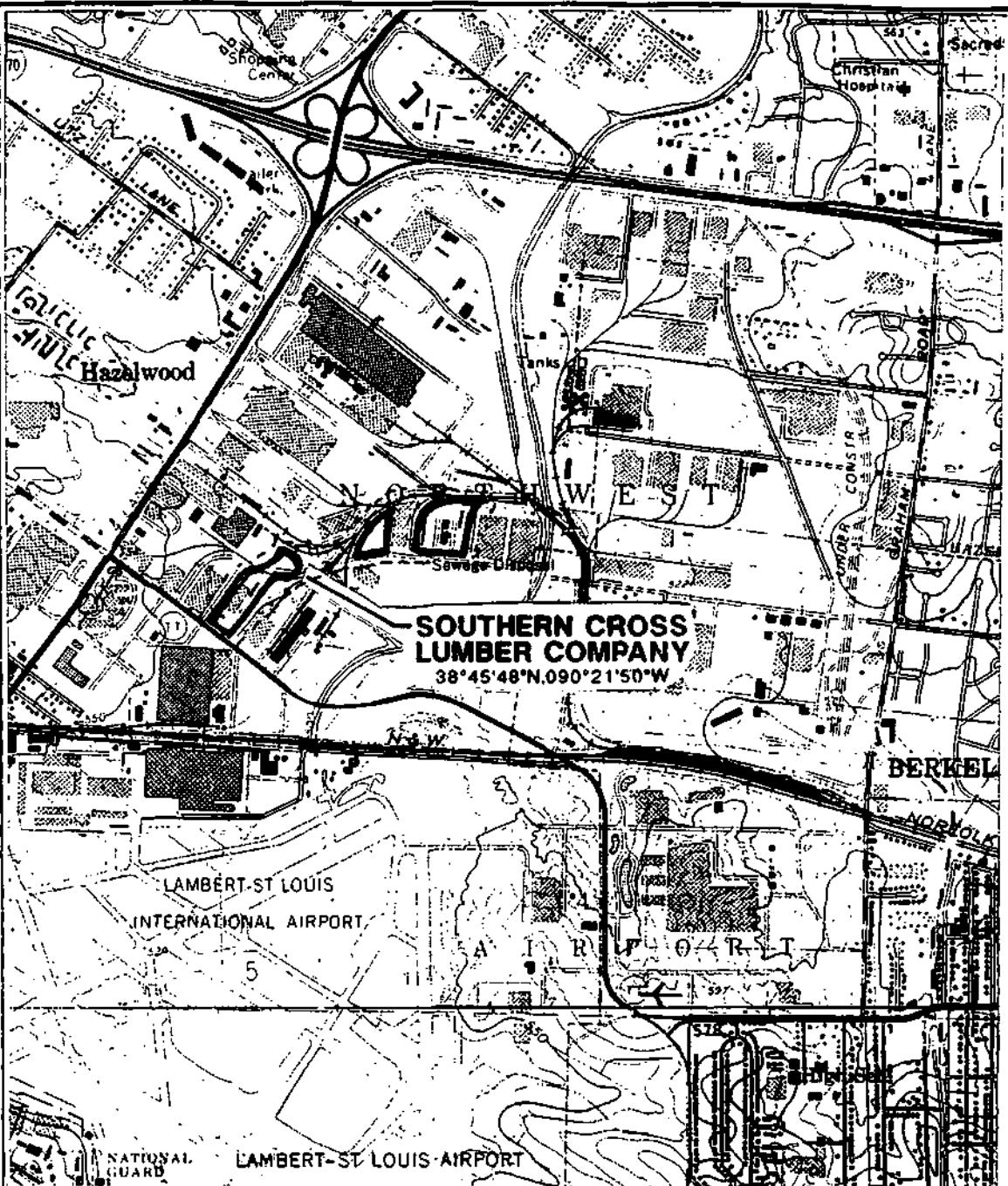
Preremedial Considerations

Because the Southern Cross Lumber site has been thoroughly investigated, contaminant exposure pathways (i.e., ground water, surface water, soil, air exposure) have been thoroughly evaluated in accordance with the site assessment process. However, the removal of the waste sources during the cleanup activity will likely reduce any threats to human health and the environment that are posed by the site. No additional efforts are anticipated at this time.

ATTACHMENTS

- A: Site Location Map
- B: Site Map
- C: Site Map: Parcel A
- D: Site Map: Parcel B
- E: Site Map: Parcel C
- F: Site Map: Parcel D
- G: Analytical Results
- H: Photographic Record

ATTACHMENT A
SITE LOCATION MAP



SCALE 1:24000

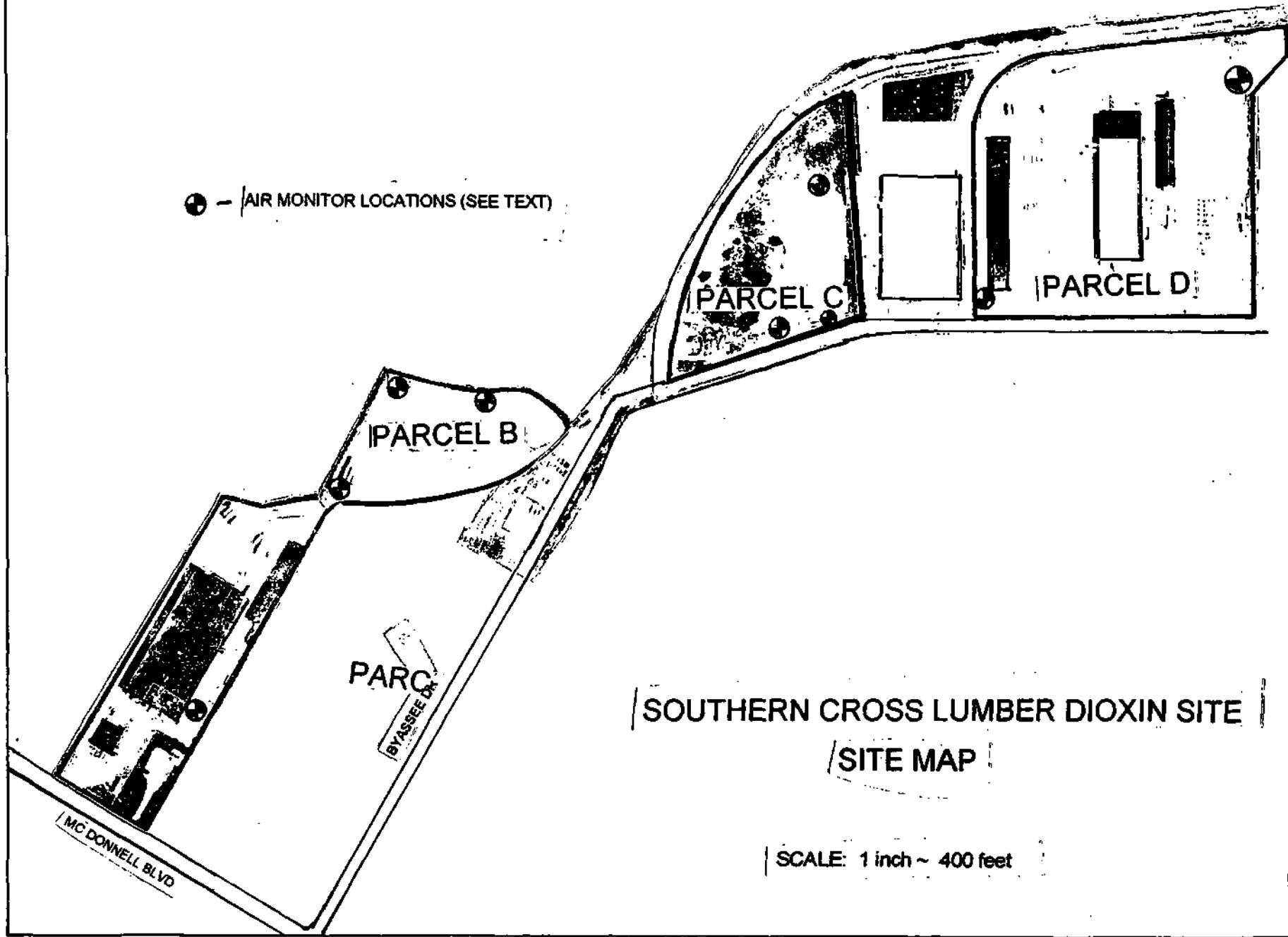
0 .5 1 MILE
0 .5 1 KILOMETER

**SOUTHERN CROSS LUMBER DIOXIN SITE
SITE LOCATION MAP**

ATTACHMENT B

SITE MAP

• - AIR MONITOR LOCATIONS (SEE TEXT)



SOUTHERN CROSS LUMBER DIOXIN SITE
SITE MAP

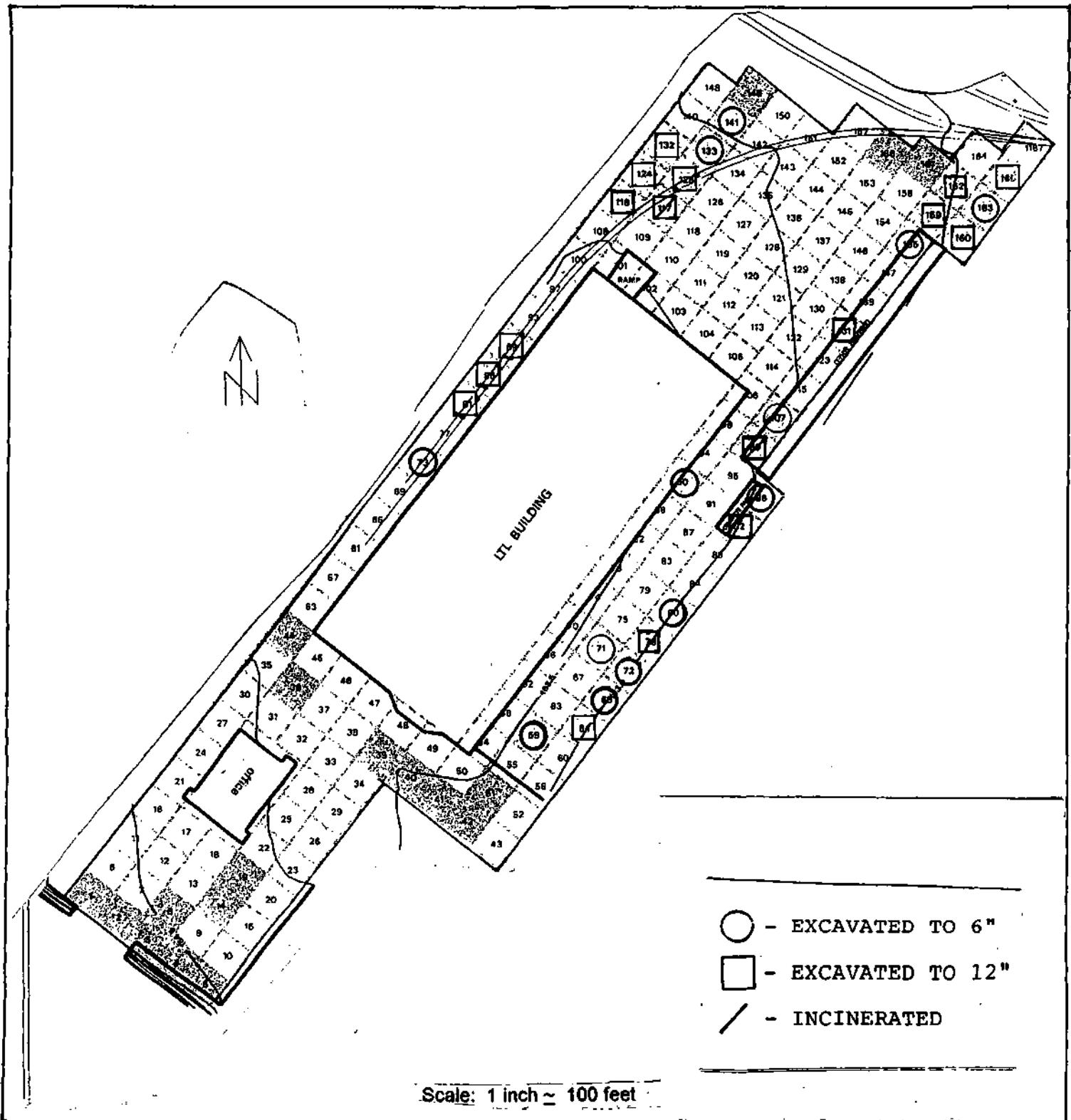
SCALE: 1 inch ~ 400 feet



S07-9810-008/0309SCRAXX

ATTACHMENT C

SITE MAP: PARCEL A



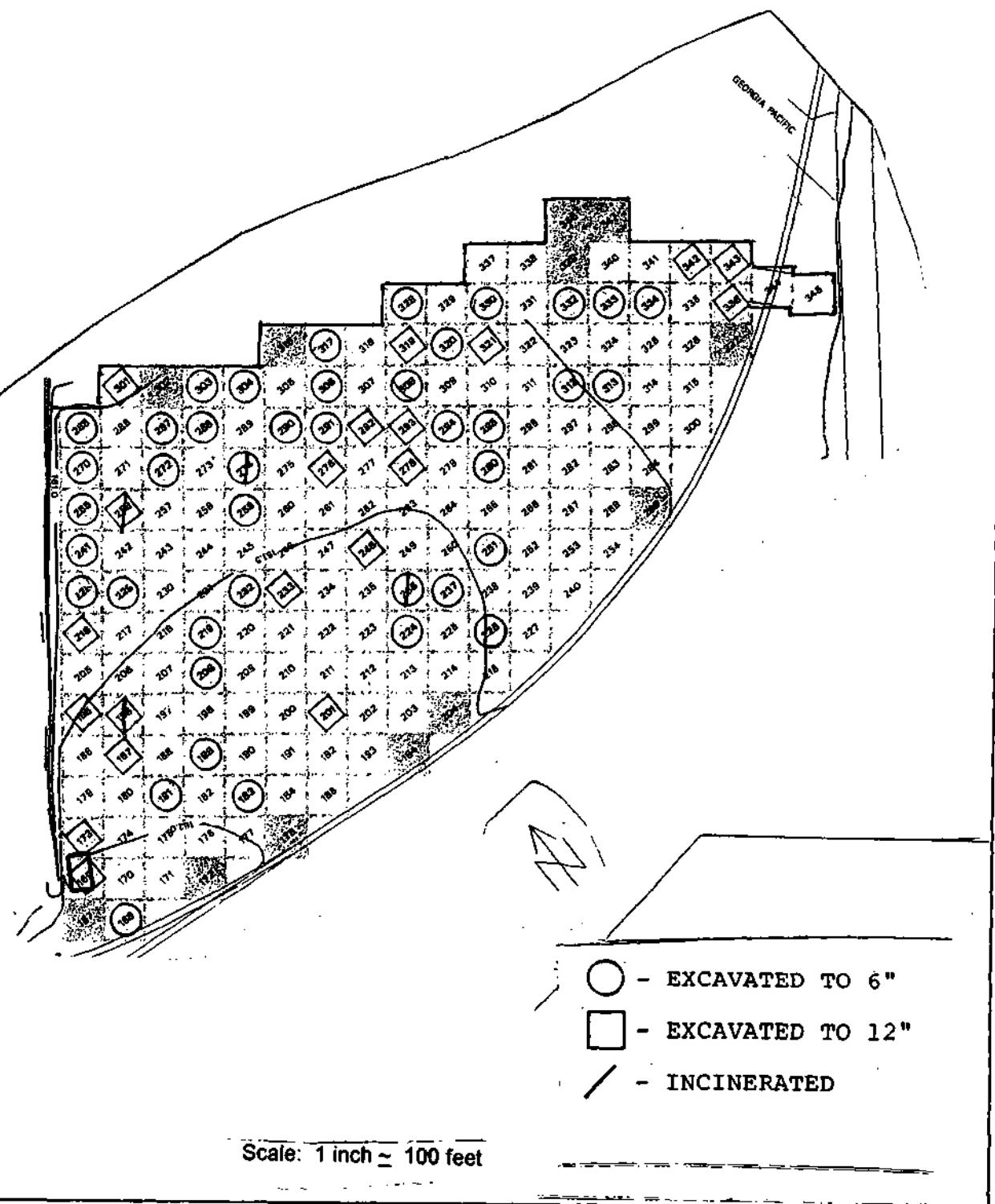
SOUTHERN CROSS LUMBER DIOXIN SITE

PARCEL A

S07-9610-008/0309SCRAXX

ATTACHMENT D

SITE MAP: PARCEL B



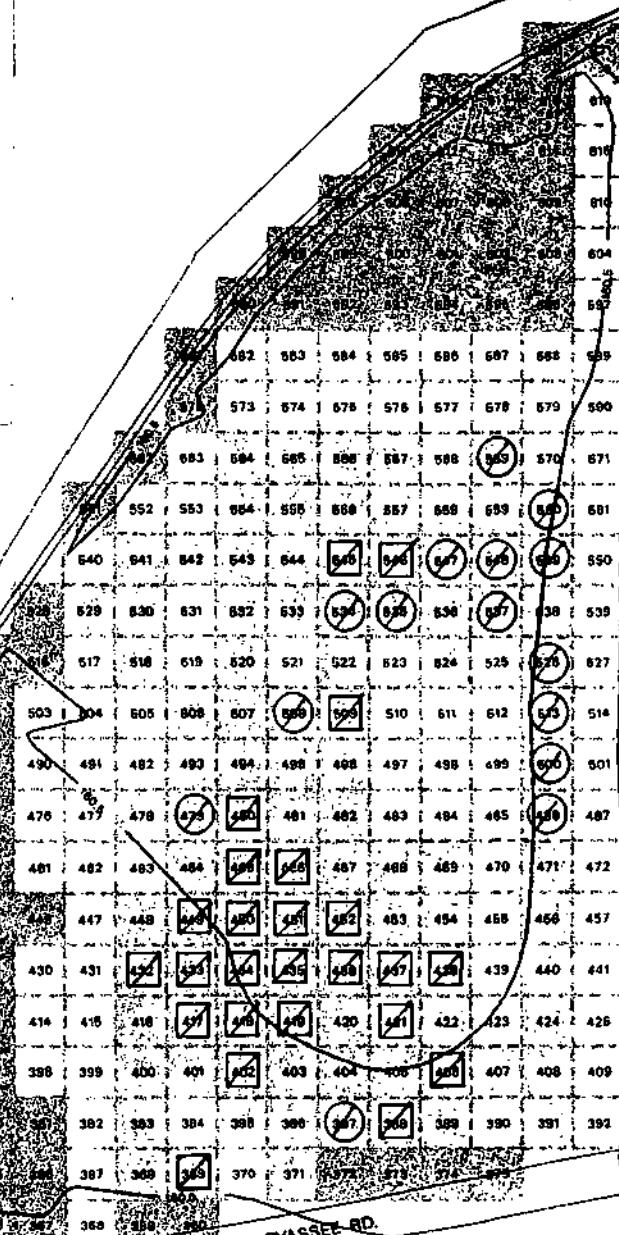
SOUTHERN CROSS LUMBER DIOXIN SITE

PARCEL B

ATTACHMENT E

SITE MAP: PARCEL C

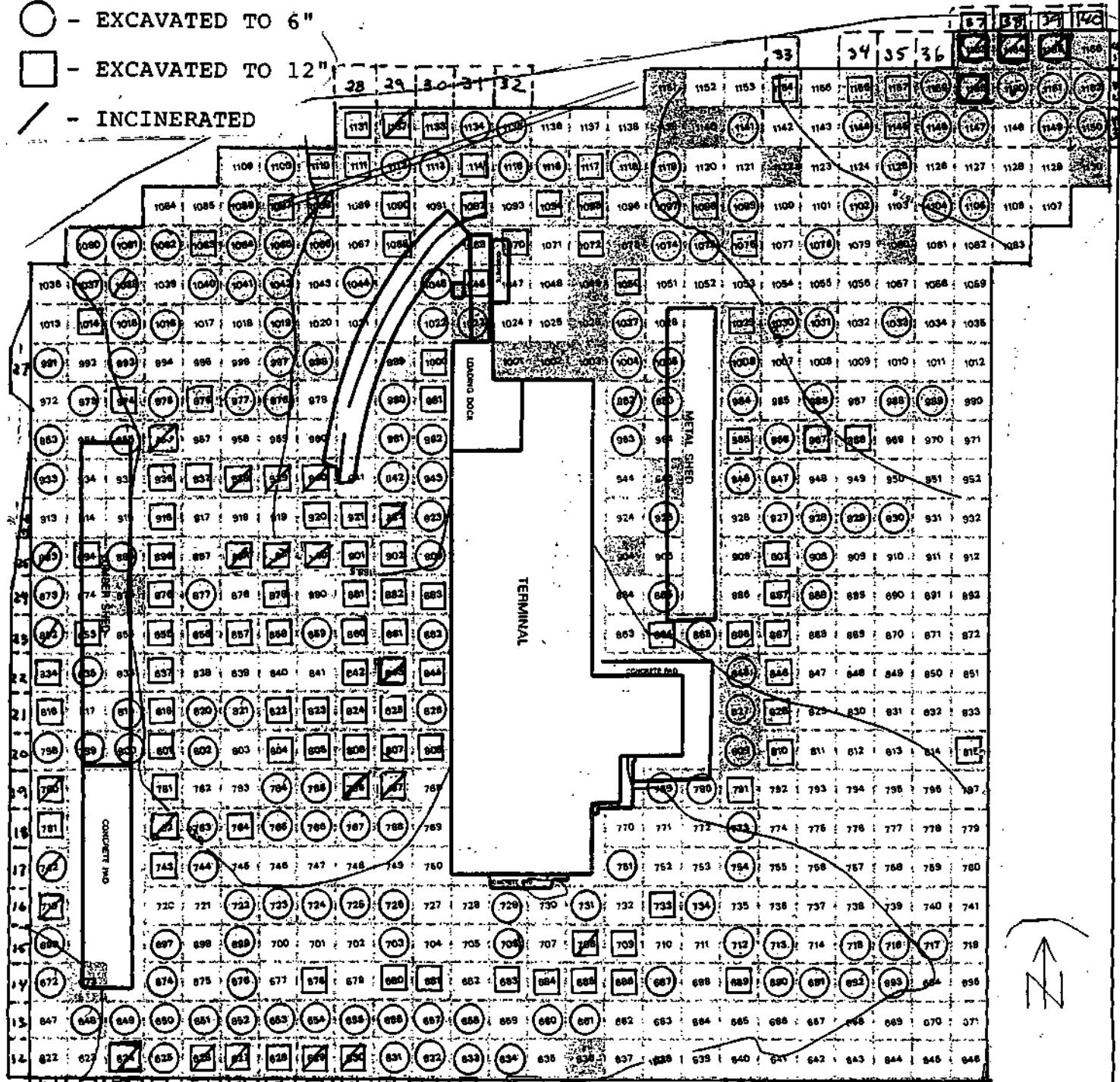
- (○) - EXCAVATED TO 6"
- (□) - EXCAVATED TO 12"
- (/) - INCINERATED



ATTACHMENT F

SITE MAP: PARCEL D

- EXCAVATED TO 6"
 - EXCAVATED TO 12'
 - INCINERATED



Scale: 1 inch \approx 100 feet

SOUTHERN CROSS LUMBER DIOXIN SITE

PARCEL D.

ATTACHMENT G
ANALYTICAL RESULTS

DATE: 12/18/96

CASE NO: 50110 BATCH: C

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50110 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPA/ENSV

HOD3: D7C018, 2378-TETRACHLOROBENZO-P, WIPE, RAPID

SNO NUMBER	EPA		SAMPLE DESCRIPTION
	SECTION	LAYER	
97-BPL01-346A	METHOD BLANK	- -	
97-BTX69-004	KAMATSU EXCAVATOR PC200	- -	
97-BTX69-005	TRUCK #201	- -	
97-BTX69-006	TRUCK, RED CAB FORD 9000	- -	
97-BTX69-007	TRUCK WHITE CAB, FORD 9000	- -	
97-BTX69-008	CAT 215 EXCAVATOR	- -	
97-BTX69-011	KAMATSU 320 LOADER	- -	
97-BTX69-012	TRUCK #238	- -	
97-BTX69-013F	FIELD BLANK AUDIT	- -	

SITE SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION	D	U	V
				UNITS	C	
- -	AT&T	12/17/96	0.400	U	PCMX2	V
- -	AT&T	12/17/96	INVALID		PCMX2	
- -	AT&T	12/17/96	INVALID		PCMX2	
- -	AT&T	12/17/96	0.600	U	PCMX2	V
- -	AT&T	12/17/96	0.400	U	PCMX2	V
- -	AT&T	12/17/96	INVALID		PCMX2	
- -	AT&T	12/17/96	INVALID		PCMX2	
- -	AT&T	12/17/96	0.400	U	PCMX2	V
- -	AT&T	12/17/96	0.400	U	PCMX2	V

DATE: 12/18/96

CASE NO: 50110 BATCH: A

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50110 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EPA/ENVY

SOD2: DICOTIB, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

EPA			SITE SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION	D I C UNITS %			
SN# NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION					O	V	C	
	97-ATX69-579	CELL 661 1ST LIFT	- -	ATS	12/17/96	0.300	U	NG/EN	V	
	97-ATX69-580	CELL 693 1ST LIFT	- -	ATS	12/17/96	0.300	U	NG/EN	V	
	97-ATX69-581	CELL 733 1ST LIFT	- -	ATS	12/17/96	0.300	U	NG/EN	V	
	97-ATX69-582	CELL 751 1ST LIFT	- -	ATS	12/17/96	0.300	U	NG/EN	V	
	97-ATX69-583	CELL 660 1ST LIFT	- -	ATS	12/17/96	0.300	U	NG/EN	V	
	97-ATX69-584	CELL 734 1ST LIFT	- -	ATS	12/17/96	0.300	U	RG/EN	V	
	97-ATX69-585	CELL 709 1ST LIFT	- -	ATS	12/17/96	INVALID		NG/EN		
	97-ATX69-586	CELL 729 1ST LIFT	- -	ATS	12/17/96	INVALID		NG/EN		
	97-ATX69-587	CELL 789 31T LIFT	731	- -	ATS	12/17/96	0.300	U	NG/EN	V
	97-ATX69-588	CELL 754 1ST LIFT	- -	ATS	12/17/96	0.300	U	NG/EN	V	
	97-ATX69-589	CELL 773 1ST LIFT	- -	ATS	12/17/96	0.300	U	NG/EN	V	
	97-ATX69-590F	FIELD BLANK AUDIT	- -	ATS	12/17/96	0.300	U	NG/EN	V	
	97-ATX69-591P	PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATS	12/17/96	1.84		NG/EN	V	
	97-ATX69-591T	TRUE VALUE PE AUDIT SAMPLE	- -	ATS	12/17/96	1.71		NG/EN	V	
	97-BPL01-345M	METHOD BLANK	- -	ATS	12/17/96	0.300	U	NG/EN	V	

DATE: 12/10/96

CASE NO: 50109 BATCH: B

895-0632 PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50109 BATCH B

FROM: ALEXANDRA JIRKA
CCEP, LABO/ENV

TO: CCEP, EPA/ENV

SDS: DIOXIN, 2378-TETRACHLORODIPHENOX-P, RAPID
REPORTED ON A WET WEIGHT BASIS

EPA SDS NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION			LAB	ANALYSIS DATE	CONCENTRATION	D	I	V
			LAYER						UNITS	C	
97-ATK69-477			-	-	ATB	12/09/96	0.300	U	PPM	V	
97-ATK69-478			-	-	ATB	12/09/96	0.300	U	PPM	V	
97-ATK69-479			-	-	ATB	12/09/96	0.300	U	PPM	V	
97-ATK69-480			-	-	ATB	12/09/96	0.300	U	PPM	V	
97-ATK69-481			-	-	ATB	12/09/96	0.300	U	PPM	V	
97-ATK69-482			-	-	ATB	12/09/96	0.300	U	PPM	V	
97-ATK69-483			-	-	ATB	12/09/96	0.300	U	PPM	V	
97-ATK69-484			-	-	ATB	12/09/96	0.300	U	PPM	V	
97-BPL01-320H	METHOD BLANK		-	-	ATB	12/09/96	0.300	U	PPM	V	

↓
see p. 4

To: Joe Parish - E&E /START

From: Dave Kinroth

Need you to enter sample descriptions
 for these ,

Tx, Dave

DATE: 12/17/96

CASE NO: 50105 BATCH: N

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH N

FROM: ANDREA JIRICA
CHIEF, LABO/ENSV

TO: CHIEF, EPBQ/ENSV

SD02: DICKIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS	D	I	V
			LATER	LAB	DATE	CONCENTRATION	D	UNITS
			-	-	-	-	-	-
97-ATX69-564		CELL 606 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-565		CELL 607 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-566		CELL 713 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-567		CELL 739 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-568		CELL 827 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-569		CELL 846 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-570		CELL 828 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-571		CELL 790 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-572		CELL 815 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-573		CELL 825 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-574		CELL 791 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-575		CELL 809 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-576		CELL 810 1ST LIFT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-ATX69-577P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATS	12/14/96	1.78	NG/GN V
97-ATX69-577T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATS	12/14/96	1.71	NG/GN
97-ATX69-578F		FIELD BLANK AUDIT	-	-	ATS	12/14/96	0.300	U NG/GN V
97-BPL01-339M		METHOD BLANK	-	-	ATS	12/14/96	0.300	U NG/GN V
97-BPL01-340M		METHOD BLANK	-	-	ATS	12/14/96	1.1VAL10	NG/GN
97-BPL01-342M		METHOD BLANK	-	-	ATS	12/14/96	0.300	U NG/GN V

DATE: 12/13/96

CASE NO: 50105 BATCH: D

PAGE 2

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH D

FROM: ANDREA JIEKA
CNIEP, LABO/ENV

TO: CHIEF, EPA/ENSV

6002: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE		ANALYSIS LAB	DATE	CONCENTRATION	D	V
			SECTION	LAYER				D	UNITS
-	-	97-BPL01-325M METHOD BLANK	ATB	12/11/96	0.300	U	MG/GR	V	
-	-	97-BPL01-326M METHOD BLANK	ATB	12/11/96	0.300	U	MG/GR	V	
-	-	97-BPL01-328M METHOD BLANK	ATB	12/12/96	0.300	U	MG/GR	V	

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH E

FROM: ANDREA JIRICA
CHIEF, LABO/ENV

TO: CHIEF, EPGR/ENVY

SD02: DIOXIN, 237B-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SHO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS	D	I	V
			LAYER	LAB	DATE	CONCENTRATION	UNITS	C
97-ATX69-525	927 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-526	928 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-527	926 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-528	927 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-529	928 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-530	927 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-531	928 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-532	929 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-533	930 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-534	967 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-535	948 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-536	984 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-537	985 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-538	989 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-539	1029 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-540	1030 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-541	1031 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-542	1033 AFTER 1ST LIFT		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-543	10 AFTER 1ST LIFT		-	ATS	12/12/96	2.43	NG/ON	V
97-ATX69-544	11 AFTER 1ST LIFT		-	ATS	12/12/96	2.17	NG/ON	V
97-ATX69-545P	SOIL BLANK		-	ATS	12/12/96	0.300	U	NG/ON V
97-ATX69-546P	PERFORMANCE EVALUATION AUDIT SAMPLE		-	ATS	12/12/96	1.81	NG/ON	V
97-ATX69-546T	TRUE VALUE PE AUDIT SAMPLE		-	ATS	12/12/96	1.96	NG/ON	V
97-ADL01-329W	METHOD BLANK		-	ATS	12/12/96	0.300	U	NG/ON V

DATE: 12/13/96

CASE NO: 50106 BATCH: A

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50106 BATCH A

FROM: ANDREA JISKA
CHIEF, LABO/ENV

TO: CHIEF, EPA/ENV

NO03: DIONIN, 2378-TETRACHLORODIBENZ-P, WIPE, RAPID

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	ANALYSIS	D	V			
			SECTION	LAB	DATE	CONCENTRATION	UNITS	C	
97-BPL01-3196		METHOD BLANK	- -	ATB	12/09/96	0.400	U	P6012	V
97-BTX69-475		TRAILER# 244	- -	ATB	12/09/96	0.400	U	P6012	V
97-BTX69-676		WIPE, FIELD BLANK	- -	ATB	12/09/96	0.400	U	P6012	V
97-BTX69-477		WIPE, TRAILER# 241	- -	ATB	12/09/96	0.400	U	P6012	V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH D

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EPER/ENVY

SD02: DIONIN, 237B-TETRACHLORODIBENZD-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D I C		
			SECTION	LAYER	LAB	ANALYSIS DATE	CONCENTRATION	D UNITS
97-ATX69-495		AREA 1027 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-496		AREA 1004 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-497		AREA 1005 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-498		AREA 982 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-499		AREA 983 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-500		AREA 963 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-501		AREA 925 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-502		AREA 885 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-503		AREA 886 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-504		AREA 885 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-505		AREA 886 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-506		AREA 946 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-507		AREA 947 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-508		AREA 965 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-509		AREA 966 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-510		PERIMETER CELL 1A	-	-	ATS	12/11/96	0.794	NG/ON V
97-ATX69-511		PERIMETER CELL 1	-	-	ATS	12/11/96	1.56	NG/ON V
97-ATX69-512		PERIMETER CELL 2	-	-	ATS	12/11/96	0.460	NG/ON V
97-ATX69-513		PERIMETER CELL 3	-	-	ATS	12/11/96	2.52	NG/ON V
97-ATX69-514		PERIMETER CELL 4	-	-	ATS	12/11/96	0.969	NG/ON V
97-ATX69-515		PERIMETER CELL 5	-	-	ATS	12/11/96	1.59	NG/ON V
97-ATX69-516		PERIMETER CELL 6	-	-	ATS	12/12/96	2.30	NG/ON V
97-ATX69-517		PERIMETER CELL 7	-	-	ATS	12/12/96	1.51	NG/ON V
97-ATX69-518		PERIMETER CELL 8	-	-	ATS	12/12/96	INVALID	NG/ON V
97-ATX69-519		PERIMETER CELL 9	-	-	ATS	12/11/96	1.90	NG/ON V
97-ATX69-520		CELL 867, 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-521		CELL 984, 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-522		CELL 1006 1ST LIFT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-523P		FIELD BLANK AUDIT	-	-	ATS	12/11/96	0.300	U NG/ON V
97-ATX69-524P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATS	12/11/96	1.73	NG/ON V
97-ATX69-526T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATS	12/11/96	1.77	NG/ON V

DATE: 12/16/96

CASE NO: 50105 BATCH: B

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METHANDUN

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH B

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EP&R/ENV

SUB: DICORIM, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

ID NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE		CONCENTRATION	D			
			SECTION	LAB		ANALYSIS		UNITS	
						LAYER	DATE		
97-ATX69-564	CELL 686 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-565	CELL 687 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-566	CELL 713 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-567	CELL 789 1ST LIFT		-	-	ATB	12/16/96	INVALID	NG/BN	
97-ATX69-568	CELL 827 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-569	CELL 846 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-570	CELL 828 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-571	CELL 790 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-572	CELL 815 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-573	CELL 685 1ST LIFT		-	-	ATB	12/16/96	INVALID	NG/BN	
97-ATX69-574	CELL 791 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-575	CELL 809 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-576	CELL 810 1ST LIFT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-ATX69-577P	PERFORMANCE EVALUATION AUDIT SAMPLE		-	-	ATB	12/16/96	1.78	NG/BN V	
97-ATX69-577T	TRUE VALUE PE AUDIT SAMPLE		-	-	ATB	12/16/96	1.71	NG/BN	
97-ATX69-578F	FIELD BLANK AUDIT		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-BPL01-339H	METHOD BLANK		-	-	ATB	12/16/96	0.300	U NG/BN V	
97-BPL01-340H	METHOD BLANK		-	-	ATB	12/16/96	INVALID	NG/BN	

DATE: 12/12/96

CASE NO: 50105 BATCH: D

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH D

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EPA/ENV

SD02: DICLOIN, 2370-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SHO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION	D		
							I	V	C
97-ATX69-495		AREA 1027 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-496		AREA 1004 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-497		AREA 1005 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-498		AREA 982 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-499		AREA 983 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-500		AREA 983 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-501		AREA 923 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-502		AREA 888 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-503		AREA 866 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-504		AREA 865 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-505		AREA 866 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-506		AREA 946 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-507		AREA 947 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-508		AREA 945 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-509		AREA 946 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-510		PERIMETER CELL 1A	- -	ATS	12/11/96	0.794	NG/ON	V	
97-ATX69-511		PERIMETER CELL 1	- -	ATS	12/11/96	1.56	NG/ON	V	
97-ATX69-512		PERIMETER CELL 2	- -	ATS	12/11/96	0.460	NG/ON	V	
97-ATX69-513		PERIMETER CELL 3	- -	ATS	12/11/96	2.52	NG/ON	V	
97-ATX69-514		PERIMETER CELL 4	- -	ATS	12/11/96	0.969	NG/ON	V	
97-ATX69-515		PERIMETER CELL 5	- -	ATS	12/11/96	1.59	NG/ON	V	
97-ATX69-516		PERIMETER CELL 6	- -	ATS	12/11/96	INVALID	NG/ON		
97-ATX69-517		PERIMETER CELL 7	- -	ATS	12/11/96	INVALID	NG/ON		
97-ATX69-518		PERIMETER CELL 8	- -	ATS	12/11/96	INVALID	NG/ON		
97-ATX69-519		PERIMETER CELL 9	- -	ATS	12/11/96	1.90	NG/ON	V	
97-ATX69-520		CELL 867, 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-521		CELL 984, 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-522		CELL 1006 1ST LIFT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-523F		FIELD BLANK AUDIT	- -	ATS	12/11/96	0.300	U	NG/ON	V
97-ATX69-524P		PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATS	12/11/96	1.73	NG/ON	V	
97-ATX69-524T		TRUE VALUE PE AUDIT SAMPLE	- -	ATS	12/11/96	1.77	NG/ON	V	

DATE: 12/12/96

CASE NO: 50105 BATCH: D

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MEMORANDUM**SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH D**

FROM: ANDREA JIRKA
CHIEF, LAB/ENVY

TO: CHIEF, EPA/ERBV

SDS: DIOXIN, 2370-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SHO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION LATER	ANALYSIS LAB	DATE	CONCENTRATION D	0 1 V UNITS		
							C	U	MG/G
	97-BPL01-325H	METHOD BLANK	- -	AT&T	12/11/96	0.300	0	1	V
	97-BPL01-326H	METHOD BLANK	- -	AT&T	12/11/96	0.300	0	1	V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH H

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

SD02: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SMO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE			D				
			SECTION	LAYER	LAB	DATE	ANALYSIS	CONCENTRATION	I	V
97-ATX69-426		SPLIT SPOON #28, 0-6"	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-427		SPLIT SPOON #28, 6-12"	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-428		SPLIT SPOON #29, 0-6 "	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-429		SPLIT SPOON #29, 6-12"	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-430		SPLIT SPOON #30, 0-6 "	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-431		SPLIT SPOON #30, 6-12"	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-432		SPLIT SPOON #31, 0-6 "	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-433		SPLIT SPOON #31, 6-12"	-	-	ATS	12/07/96	0.428		NG/GM	V
97-ATX69-434		SPLIT SPOON #32, 0-6 "	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-435		SPLIT SPOON #32, 6-12"	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-436		SPLIT SPOON #33, 0-6 "	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-437		SPLIT SPOON #33, 6-12"	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-438		SPLIT SPOON #34, 0-6 "	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-439		SPLIT SPOON #34, 6-12"	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-440		SPLIT SPOON #35, 0-6 "	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-441		SPLIT SPOON #35, 6-12"	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-442		SPLIT SPOON #36, 0-6 "	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-443		SPLIT SPOON # 36, 6-12"	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-444		SPLIT SPOON # 37, 0-6 "	-	-	ATS	12/07/96	1.03		NG/GM	V
97-ATX69-445		SPLIT SPOON # 37, 6-12"	-	-	ATS	12/07/96	3.48		NG/GM	V
97-ATX69-446		SPLIT SPOON # 38, 0-6 "	-	-	ATS	12/07/96	0.448		NG/GM	V
97-ATX69-447		SPLIT SPOON # 38, 6-12"	-	-	ATS	12/07/96	1.35		NG/GM	V
97-ATX69-448		SPLIT SPOON # 39, 0-6 "	-	-	ATS	12/07/96	1.26		NG/GM	V
97-ATX69-449		SPLIT SPOON # 39,6-12 "	-	-	ATS	12/07/96	2.34		NG/GM	V
97-ATX69-450		SPLIT SPOON #40, 0-6 "	-	-	ATS	12/07/96	3.49		NG/GM	V
97-ATX69-451		SPLIT SPOON #40, 6-12 "	-	-	ATS	12/07/96	1.72		NG/GM	V
97-ATX69-452		SPLIT SPOON #43, 0-6 "	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-453		SPLIT SPOON #43, 6-12"	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-454F		FIELD BLANK AUDIT	-	-	ATS	12/07/96	0.300		U	NG/GM V
97-ATX69-455P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATS	12/07/96	1.73		NG/GM	V
97-ATX69-455T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATS	12/07/96	1.77		NG/GM	V

DATE: 12/09/96

CASE NO: 50103 BATCH: H

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH H

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SMO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	EPA		SECTION LAYER	LAB	DATE	ANALYSIS	CONCENTRATION	D		
			SITE	SECTION						T	V	D
		97-BPL01-316H METHOD BLANK	-	-	ATS	12/07/96	0.300			U	NG/GM	V
		97-BPL01-317H METHOD BLANK	-	-	ATS	12/07/96	0.300			U	NG/GM	V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH A

FROM: ANDREA JIRKA
 CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

SD02: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID
 REPORTED ON A WET WEIGHT BASIS

SMO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D I UNITS C	
			SECTION	LAYER	LAB		
97-ATX69-456		CELL 955, 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-457		CELL 973, 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-458		CELL 974, 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-459		CELL 975, 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-460		CELL 991, 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-461		CELL 993, 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-462		CELL 1015 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-463		CELL 1016 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-464		CELL 976 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-465		CELL 977 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-466		CELL 1042 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-467		CELL 1019 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-468		CELL 978 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-469		CELL 1131 2ND LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-470		CELL 997 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-471		CELL 998 1ST LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-472		CELL 1088 2ND LIFT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-473F		FIELD BLANK AUDIT	-	-	ATS	12/08/96 0.300	U NG/GM V
97-ATX69-474P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATS	12/08/96 1.66	NG/GM V
97-ATX69-474T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATS	12/08/96 1.77	NG/GM V
97-BPL01-318M		METHOD BLANK	-	-	ATS	12/08/96 0.300	U NG/GM V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH E

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

S002: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE		ANALYSIS	CONCENTRATION	D	I	V	C
			SECTION	LAYER			UNITS			
97-ATX69-374		CELL 816, 1ST LIFT	-	-	ATS	12/05/96	1.55		NG/GN	V
97-ATX69-375		CELL 834, 1ST LIFT	-	-	ATS	12/05/96	1.22		NG/GN	V
97-ATX69-376		CELL 873, 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-377		CELL 798, 1ST LIFT	-	-	ATS	12/05/96	0.394		NG/GN	V
97-ATX69-378		CELL 1109 1ST LIFT	-	-	ATS	12/05/95	0.300	U	NG/GN	V
97-ATX69-379		CELL 1110 1ST LIFT	-	-	ATS	12/05/96	3.57		NG/GN	V
97-ATX69-380		CELL 1112 1ST LIFT	-	-	ATS	12/05/96	0.848		NG/GN	V
97-ATX69-381		CELL 1113 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-382		CELL 1114 1ST LIFT	-	-	ATS	12/05/96	2.61		NG/GN	V
97-ATX69-383		CELL 1135, 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-384		CELL 933, 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-385		CELL 953, 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-386		CELL 1060, 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-387		CELL 1061, 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-388		CELL 1068, 1ST LIFT	-	-	ATS	12/06/96	1.42		NG/GN	V
97-ATX69-389		CELL 1069, 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-390		CELL 1087, 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-391		CELL 1090, 1ST LIFT	-	-	ATS	12/05/96	9.07		NG/GN	V
97-ATX69-392		CELL 1111, 1ST LIFT	-	-	ATS	12/05/96	1.34		NG/GN	V
97-ATX69-393		CELL 1131, 1ST LIFT	-	-	ATS	12/06/96	2.04		NG/GN	V
97-ATX69-394		CELL 876, 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-395		CELL 1062, 1ST LIFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-396F		FIELD BLANK AUDITFT	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-ATX69-397P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATS	12/05/96	1.66		NG/GN	V
97-ATX69-397T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATS	12/05/96	1.90		NG/GN	V
97-BPL01-308M		METHOD BLANK	-	-	ATS	12/05/96	0.300	U	NG/GN	V
97-BPL01-312M		METHOD BLANK	-	-	ATS	12/06/96	0.300	U	NG/GN	V
97-BPL01-313M		METHOD BLANK	-	-	ATS	12/06/96	0.300	U	NG/GN	V

DATE: 12/09/96

CASE NO: 50103 BATCH: F

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH F

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

AD01: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SNO NUMBER	EPA SAMPLE NUMBER		SAMPLE DESCRIPTION	SITE SECTION			ANALYSIS			D		
	LAYER	LAB		DATE	CONCENTRATION	D	UNITS	C				
97-CTX69-028	SC-6	-	-	ATS	12/06/96	0.834	U	PG/M3	V			
97-CTX69-029	SC-7	-	-	ATS	12/06/96	0.847	U	PG/M3	V			
97-CTX69-030	SC-8	-	-	ATS	12/06/96	0.864	U	PG/M3	V			
97-CTX69-031	SC-2	-	-	ATS	12/06/96	0.926	U	PG/M3	V			
97-CTX69-032	SC-6	-	-	ATS	12/06/96	0.986	U	PG/M3	V			
97-CTX69-033	SC-7	-	-	ATS	12/06/96	0.970	U	PG/M3	V			
97-CTX69-034	SC-8	-	-	ATS	12/06/96	0.983	U	PG/M3	V			

DATE: 12/09/96

CASE NO: 50103 BATCH: G

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MF ~ ANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH G

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

SOCP: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

EPA NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	ANALYSIS	D	I	V	
			SECTION	LAYER	LAB	DATE	CONCENTRATION	UNITS
97-ATX69-398		CELL 1014, 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-399		CELL 10022 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-400		CELL 1023 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-401		CELL 1037 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-402		CELL 1040 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-403		CELL 1041 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-404		CELL 1045 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM
97-ATX69-405		CELL 1046 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-406		CELL 1063, 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-407		CELL 1064, 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-408		CELL 1088, 1ST LIFT	-	-	ATS	12/06/96	2.80	NG/GM V
97-ATX69-409		CELL 628, 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-410		CELL 980, 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-411		CELL 981, 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-412		CELL 1000, 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-413		CELL 1065, 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-414		CELL 1066, 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-415		CELL 1090, 2ND LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-416		CELL 1110, 2ND LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-417		CELL 1111, 2ND LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-418		CELL 1114, 2ND LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-419		CELL 816, 2ND LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-420		CELL 834, 2ND LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-421		CELL 961 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-422		CELL 962 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-423		CELL 1044 1ST LIFT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-424F		FIELD BLANK AUDIT	-	-	ATS	12/06/96	0.300	U NG/GM V
97-ATX69-425P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATS	12/06/96	5.16	NG/GM V
97-ATX69-425T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATS	12/06/96	5.40	NG/GM V
97-BPL01-314M		METHOD BLANK	-	-	ATS	12/06/96	0.300	U NG/GM V
97-BPL01-315M		METHOD BLANK	-	-	ATS	12/06/96	0.300	U NG/GM V

DATE: 12/14/96

CASE NO: 50105 BATCH: 8

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH 8

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPA/ENV

SD02: DIGITIN, 2578-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION		ANALYSIS LAB	DATE	CONCENTRATION	D	I	V	U	UNITS	C
			LAYER	ATB									
97-ATX60-547		PERIMETER CELL 37, 1ST LIFT	-	-	ATB	12/13/96	6.24				NG/GN	V	
97-ATX60-548		PERIMETER CELL 38, 1ST LIFT	-	-	ATB	12/13/96	5.42				NG/GN	V	
97-ATX60-549		PERIMETER CELL 39, 1ST LIFT	-	-	ATB	12/13/96	3.32				NG/GN	V	
97-ATX60-550		PERIMETER CELL 40, 1ST LIFT	-	-	ATB	12/13/96	0.300				NG/GN	V	
97-ATX60-551		CELL 683, 1ST LIFT	-	-	ATB	12/13/96	0.300				NG/GN	V	
97-ATX60-552		CELL 689, 1ST LIFT	-	-	ATB	12/13/96	0.300				NG/GN	V	
97-ATX60-553		CELL 690, 1ST LIFT	-	-	ATB	12/13/96	0.300				NG/GN	V	
97-ATX60-554		CELL 691, 1ST LIFT	-	-	ATB	12/13/96	0.300				NG/GN	V	
97-ATX60-555		CELL 692, 1ST LIFT	-	-	ATB	12/13/96	0.300				NG/GN	V	
97-ATX60-556		CELL 706, 1ST LIFT	-	-	ATB	12/13/96	0.300				NG/GN	V	
97-ATX60-557		CELL 715, 1ST LIFT	-	-	ATB	12/13/96	0.300				NG/GN	V	
97-ATX60-558		CELL 716, 1ST LIFT	-	-	ATB	12/13/96	0.300				NG/GN	V	
97-ATX60-559		CELL 684, 1ST LIFT	-	-	ATB	12/13/96	0.300				NG/GN	V	
97-ATX60-560P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATB	12/13/96	3.08				NG/GN	V	
97-ATX60-560T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATB	12/13/96	3.16				NG/GN	V	
97-ATX60-561		CELL 712, 1ST LIFT	-	-	ATB	12/14/96	0.300				NG/GN	V	
97-ATX60-562		CELL 717, 1ST LIFT	-	-	ATB	12/14/96	0.300				NG/GN	V	
97-ATX60-563		CELL 845, 1ST LIFT	-	-	ATB	12/14/96	0.300				NG/GN	V	
97-BPLD1-336M		METHOD BLANK	-	-	ATB	12/13/96	0.300				NG/GN	V	

| 20 atb

DATE: 12/14/96

CASE NO: 50105 BATCH: D

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH D

FROM: ANDREA JIRKA
CRIER, LAMC/ENV

TO: CHIEF, EPA/ENV

SD02: DICHLIN, 2378-TETRACHLOROBENZOD-P, RAPID
REPORTED ON A VET WEIGHT BASIS

EPA SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	BITE SECTION	ANALYSIS	D	I	V	
			LAYER	LAB	DATE	CONCENTRATION	UNITS	C
97-SPL01-325N	METHOD BLANK		- -	ATB	12/11/96	0.300	U	MG/GR Y
97-SPL01-326N	METHOD BLANK		- -	ATB	12/11/96	0.300	U	MG/GR Y
97-SPL01-328N	METHOD BLANK		- -	ATB	12/12/96	0.300	U	MG/GR Y
97-SPL01-335N	METHOD BLANK		- -	ATB	12/13/96	0.300	U	MG/GR Y

DATE: 12/14/96

CASE NO: 50105 BATCH: 0

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH 0

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EP&R/ENV

S002: DICKIN, 2578-TETRACHLOROBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION	D I V		
							D	I	V
97-ATX69-495		AREA 1027 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-496		AREA 1004 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-497		AREA 1005 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-498		AREA 902 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-499		AREA 903 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-500		AREA 905 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-501		AREA 925 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-502		AREA 805 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-503		AREA 804 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-504		AREA 803 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-505		AREA 806 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-506		AREA 946 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-507		AREA 947 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-508		AREA 965 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-509		AREA 966 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-510		PERIMETER CELL 1A	- -	ATB	12/11/96	0.794	NG/GR	V	
97-ATX69-511		PERIMETER CELL 1	- -	ATB	12/11/96	1.56	NG/GR	V	
97-ATX69-512		PERIMETER CELL 2	- -	ATB	12/11/96	0.460	NG/GR	V	
97-ATX69-513		PERIMETER CELL 3	- -	ATB	12/11/96	2.52	NG/GR	V	
97-ATX69-514		PERIMETER CELL 4	- -	ATB	12/11/96	0.969	NG/GR	V	
97-ATX69-515		PERIMETER CELL 5	- -	ATB	12/11/96	1.59	NG/GR	V	
97-ATX69-516		PERIMETER CELL 6	- -	ATB	12/12/96	2.30	NG/GR	V	
97-ATX69-517		PERIMETER CELL 7	- -	ATB	12/12/96	1.31	NG/GR	V	
97-ATX69-518		PERIMETER CELL 8	- -	ATB	12/13/96	INVALID	NG/GR		
97-ATX69-519		PERIMETER CELL 9	- -	ATB	12/11/96	1.90	NG/GR	V	
97-ATX69-520		CELL 067, 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-521		CELL 984, 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-522		CELL 1006 1ST LIFT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-523F		FIELD BLANK AUDIT	- -	ATB	12/11/96	0.300	U	NG/GR	V
97-ATX69-524P		PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATB	12/11/96	1.73	NG/GR	V	
97-ATX69-524T		TRUE VALUE PE AUDIT SAMPLE	- -	ATB	12/11/96	1.77	NG/GR	V	

DATE: 12/12/96

CASE NO: 50105 BATCH: 0

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH 0

FROM: ANDREA JINKA
CHIEF, LABORATORY

TO: CHIEF, EPA/ENV

SUBJ: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION LAYER	ANALYSIS		D I C UNITS	V
				LAB	DATE		
97-ATX69-495	AREA 1027 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-496	AREA 1004 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-497	AREA 1005 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-498	AREA 902 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-499	AREA 903 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-500	AREA 903 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-501	AREA 925 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-502	AREA 825 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-503	AREA 854 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-504	AREA 865 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-505	AREA 866 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-506	AREA 945 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-507	AREA 947 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-508	AREA 965 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-509	AREA 966 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-510	PERIMETER CELL 1A		- -	ATB	12/11/96	0.704	#G/EN V
97-ATX69-511	PERIMETER CELL 1		- -	ATB	12/11/96	1.36	NG/EN V
97-ATX69-512	PERIMETER CELL 2		- -	ATB	12/11/96	0.460	NG/EN V
97-ATX69-513	PERIMETER CELL 3		- -	ATB	12/11/96	2.52	NG/EN V
97-ATX69-514	PERIMETER CELL 4		- -	ATB	12/11/96	0.949	NG/EN V
97-ATX69-515	PERIMETER CELL 5		- -	ATB	12/11/96	1.59	NG/EN V
97-ATX69-516	PERIMETER CELL 6		- -	ATB	12/11/96	INVALID	NG/EN
97-ATX69-517	PERIMETER CELL 7		- -	ATB	12/11/96	INVALID	NG/EN
97-ATX69-518	PERIMETER CELL 8		- -	ATB	12/11/96	INVALID	NG/EN
97-ATX69-519	PERIMETER CELL 9		- -	ATB	12/11/96	1.90	NG/EN V
97-ATX69-520	CELL 867, 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-521	CELL 904, 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-522	CELL 1006 1ST LIFT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-523P	FIELD BLANK AUDIT		- -	ATB	12/11/96	0.300	U NG/EN V
97-ATX69-524P	PERFORMANCE EVALUATION AUDIT SAMPLE		- -	ATB	12/11/96	1.73	NG/EN V
97-ATX69-524T	TRUE VALUE PE AUDIT SAMPLE		- -	ATB	12/11/96	1.77	NG/EN V

DATE: 12/10/96

CASE NO: 50103 BATCH: F

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH F

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EP&R/ENV

ADD1: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SHD NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D I C	
			SECTION	ANALYSIS			
				LATER	LAB		DATE
97-8PL01-321N	METHOD BLANK	-	-	ATS	12/06/96	1.00	U PG/RS V
97-CTX6P-028	SC-6	-	-	ATS	12/06/96	0.834	U PG/RS V
97-CTX6P-029	SC-7	-	-	ATE	12/06/96	0.847	U PG/RS V
97-CTX6P-030	SC-8	-	-	ATS	12/06/96	0.864	U PG/RS V
97-CTX6P-031	SC-2	-	-	ATS	12/06/96	0.926	U PG/RS V
97-CTX6P-032	SC-6	-	-	ATS	12/06/96	0.986	U PG/RS V
97-CTX6P-033	SC-7	-	-	ATS	12/06/96	0.970	U PG/RS V
97-CTX6P-034	SC-8	-	-	ATS	12/06/96	0.983	U PG/RS V

DATE: 12/11/96

CASE NO: 58105 BATCH: C

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABO/BNSY

TO: CHIEF, EPAR/ENSY

SD02: DICKIN, 2373-TETRACHLOROBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SMO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION
97-ATX69-485		CELL 633
97-ATX69-486		CELL 634
97-ATX69-487		CELL 767
97-ATX69-488		CELL 768
97-ATX69-489		CELL 894
97-ATX69-490		CELL 895
97-ATX69-491		CELL 658
97-ATX69-492		CELL 1092
97-ATX69-493		CELL 336
97-ATX69-494		CELL 343
97-BPL01-3264		METHOD BLANK

DATE: 12/11/96

CASE NO: 50105 BATCH: C

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPA/ENSV

Hazardous: DIOXIN, 2378-TETRACHLORODIBENZO-P, WIPE, RAPID

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE			D			
			SECTION: LAYER	ANALYSIS		CONCENTRATION	D	UNITS	C
				LAB	DATE				
97-BPL01-323N	METHOD BLANK	-	-	ATB	12/10/96	0.400	U	POC#2 V	
97-BTX69-003	FRONT LOADER AFTER DECOM	-	-	ATB	12/10/96	0.400	U	POC#2 V	

DATE: 12/12/96

CASE NO: 50105 BATCH: 0

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH 0

FROM: ANDREA JTRCA
CATEF, LABO/ENVY

TO: CHIEF, EPER/ENVY

9002: DDTXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

EPA SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION	ANALYSIS	D	I	V	
			LAYER	LAB	DATE	CONCENTRATION	U	MG/GM
97-SPL01-325N	METHOD BLANK	- -	ATB	12/11/97	0.300	U	MG/GM	V
97-SPL01-326N	METHOD BLANK	- -	ATB	12/11/97	0.300	U	MG/GM	V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPA/ENV

SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SAC NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS	D	I	V
			LAYER	LAB	DATE	CONCENTRATION	UNITS	C
97-ATX69-485	CELL 633		-	ATB	12/10/96	0.300	U	MG/GN V
97-ATX69-486	CELL 634		-	ATB	12/10/96	0.300	U	MG/GN V
97-ATX69-487	CELL 767		-	ATB	12/10/96	0.300	U	MG/GN V
97-ATX69-488	CELL 768		-	ATB	12/10/96	0.300	U	MG/GN V
97-ATX69-489	CELL 894		-	ATB	12/10/96	0.300	U	MG/GN V
97-ATX69-490	CELL 895		-	ATB	12/10/96	0.300	U	MG/GN V
97-ATX69-491	CELL 658		-	ATB	12/10/96	0.300	U	MG/GN V
97-ATX69-492	CELL 1092		-	ATB	12/10/96	0.300	U	MG/GN V
97-ATX69-493	CELL 336		-	ATB	12/10/96	0.300	U	MG/GN V
97-ATX69-494	CELL 343		-	ATB	12/10/96	0.300	U	MG/GN V
97-BPL01-326H	METHOD BLANK		-	ATB	12/10/96	0.300	U	MG/GN V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABO/EMSV

TO: CHIEF, EPA/EMSV

ND03: DIOXIN, 2378-TETRACHLORODIBENZO-P, WIPE, RAPID

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION	ANALYSIS	D	V				
			LAYER	LAB	DATE	CONCENTRATION	Q	UNITS	C	
97-BPL01-323W	METHOD BLANK		-	-	ATB	12/19/96	0.400	U	PDD2	V
97-BTX69-003	FRONT LOADER AFTER DECOM		-	-	ATB	12/19/96	0.400	U	PDD2	V

DIOXIN TRANSMITTAL

TO: Mark Thomas/Joe Parrish

LOCATION: Southern Cross Lumber

FAX #: (314) 895-0632 **PHONE:** (314) 895-9915/9916

FROM: Peggy Cox

LOCATION: NanTech Environmental Technology, Inc.

FAX #: (913) 551-5243 **PHONE:** (913) 551-5105

— PAGES FOLLOW

COMMENTS:

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH F

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPA/ENV

ADD1: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID

EPA SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION LAYER	ANALYSIS LAB DATE	D CONCENTRATION UNITS	I C	V
97-BPL01-321W		METHOD BLANK	- -	ATS 12/06/96	1.00	U	PG/RS V
97-CTX6P-028	SC-4		- -	ATS 12/06/96	0.834	U	PG/RS V
97-CTX6P-029	SC-7		- -	ATS 12/06/96	0.847	U	PG/RS V
97-CTX6P-030	SC-8		- -	ATS 12/06/96	0.864	U	PG/RS V
97-CTX6P-031	SC-2		- -	ATS 12/06/96	0.926	U	PG/RS V
97-CTX6P-032	SC-6		- -	ATS 12/06/96	0.966	U	PG/RS V
97-CTX6P-033	SC-7		- -	ATS 12/06/96	0.970	U	PG/RS V
97-CTX6P-034	SC-8		- -	ATS 12/06/96	0.983	U	PG/RS V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH 8

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EPGU/ENSV

SUBJ: DICKIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SMD NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	ANALYSIS	D	I	V		
			SECTION	LAB	DATE	CONCENTRATION	Q	UNITS	C
			LAYER						
97-ATX69-477	Cell 725		- -	ATS 12/09/96	0.300	U	NG/GR	V	
97-ATX69-478	726		- -	ATS 12/09/96	0.300	U	NG/GR	V	
97-ATX69-479	703		- -	ATS 12/09/96	0.300	U	NG/GR	V	
97-ATX69-480	799		- -	ATS 12/09/96	0.300	U	NG/GR	V	
97-ATX69-481	800		- -	ATS 12/09/96	0.300	U	NG/GR	V	
97-ATX69-482	818		- -	ATS 12/09/96	0.300	U	NG/GR	V	
97-ATX69-483	835		- -	ATS 12/09/96	0.300	U	NG/GR	V	
97-ATX69-484	853		- -	ATS 12/09/96	0.300	U	NG/GR	V	
97-BPL01-320W	METHOD BLANK		- -	ATS 12/09/96	0.300	U	NG/GR	V	

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50106 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPA/ENV

HOD3: DICKIN, Z378-TETRACHLORODIBENZO-P, WIPE, RAPID

SMD NUMBER	EPA NUMBER	SAMPLE DESCRIPTION	SITE	ANALYSIS	D	I	V		
			SECTION LAYER	LAB	DATE	CONCENTRATION	Q	UNITS	C
		WIPE Samples							
97-BPL01-319W		METHOD BLANK	-	AT&T	12/09/96	0.400	U	POLY2	V
97-BTK69-475			-	AT&T	12/09/96	0.400	U	POLY2	V
97-BTK69-476			-	AT&T	12/09/96	0.400	U	POLY2	V
97-BTK69-477			-	AT&T	12/09/96	0.400	U	POLY2	V

DATE: 12/09/96

CASE NO: 50105 BATCH: A

PAGE 1

TEMP - ANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH A

FROM: ANDREA JIRKA
CRIEF, LABO/ENSV

TO: CRIEF, EPRB/ENSV

SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

ITEM NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	ANALYSIS	O	I	V			
			SECTION	LAYER	LAB	DATE	CONCENTRATION	O		
								UNITS		
97-ATX69-456	CELL 955, 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-457	CELL 973, 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-458	CELL 974, 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-459	CELL 975, 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-460	CELL 991, 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-461	CELL 993, 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-462	CELL 1015 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-463	CELL 1016 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-464	CELL 976 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-465	CELL 977 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-466	CELL 1042 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-467	CELL 1019 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-468	CELL 978 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-469	CELL 1131 2ND LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-470	CELL 997 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-471	CELL 998 1ST LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-472	CELL 1088 2ND LIFT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-473P	FIELD BLANK AUDIT		-	-	ATS	12/08/96	0.300	U	NG/GN	V
97-ATX69-474P	PERFORMANCE EVALUATION AUDIT SAMPLE		-	-	ATS	12/08/96	1.66		NG/GN	V
97-ATX69-476T	TRUE VALUE PE AUDIT SAMPLE		-	-	ATS	12/08/96	1.77		NG/GN	V
97-BPL01-318M	METHOD BLANK		-	-	ATS	12/08/96	0.300	U	NG/GN	V

DATE: 12/09/96

CASE NO: 50103 BATCH: H

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH H

FROM: ANDREA JIRICA
CHIEF, LABO/ENSV

TO: CHIEF, EPA/ENSV

SUBJ: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	ANALYSIS	D	V				
			SECTION	LAYER	LAB	DATE	CONCENTRATION	UNITS	C	
97-BPL01-316W	METHOD BLANK		-	-	AT&T	12/07/96	0.300	U	MG/GW	V
97-BPL01-317W	METHOD BLANK		-	-	AT&T	12/07/96	0.300	U	MG/GW	V

DATE: 12/09/96

CASE NO: 50103 BATCH: H

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MEMORANDUM

TO: **CHIEF, EPER/ENV****SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH H**

FROM: ANDREA JIRKA
CSEIF, LABO/ENV

TO: CHIEF, EPER/ENV

**SD02: DICKIN, 237B-TETRACHLOROBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS**

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D UNITS	V	
			SECTION	LAYER	LAB	ANALYSIS DATE	CONCENTRATION	
97-ATX69-426		SPLIT SPOON #28, 0-6"	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-427		SPLIT SPOON #28, 6-12"	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-428		SPLIT SPOON #29, 0-6 "	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-429		SPLIT SPOON #29, 6-12"	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-430		SPLIT SPOON #30, 0-6 "	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-431		SPLIT SPOON #30, 6-12"	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-432		SPLIT SPOON #31, 0-6 "	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-433		SPLIT SPOON #31, 6-12"	-	-	ATS	12/07/96	0.428	NG/GR V
97-ATX69-434		SPLIT SPOON #32, 0-6 "	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-435		SPLIT SPOON #32, 6-12"	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-436		SPLIT SPOON #33, 0-6 "	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-437		SPLIT SPOON #33, 6-12"	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-438		SPLIT SPOON #34, 0-6 "	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-439		SPLIT SPOON #34, 6-12"	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-440		SPLIT SPOON #35, 0-6 "	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-441		SPLIT SPOON #35, 6-12"	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-442		SPLIT SPOON #36, 0-6 "	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-443		SPLIT SPOON #36, 6-12"	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-444		SPLIT SPOON #37, 0-6 "	-	-	ATS	12/07/96	1.03	NG/GR V
97-ATX69-445		SPLIT SPOON #37, 6-12"	-	-	ATS	12/07/96	3.48	NG/GR V
97-ATX69-446		SPLIT SPOON #38, 0-6 "	-	-	ATS	12/07/96	0.668	NG/GR V
97-ATX69-447		SPLIT SPOON #38, 6-12"	-	-	ATS	12/07/96	1.33	NG/GR V
97-ATX69-448		SPLIT SPOON #39, 0-6 "	-	-	ATS	12/07/96	1.26	NG/GR V
97-ATX69-449		SPLIT SPOON #39,6-12 "	-	-	ATS	12/07/96	2.34	NG/GR V
97-ATX69-450		SPLIT SPOON #40, 0-6 "	-	-	ATS	12/07/96	3.49	NG/GR V
97-ATX69-451		SPLIT SPOON #40, 6-12 "	-	-	ATS	12/07/96	1.72	NG/GR V
97-ATX69-452		SPLIT SPOON #43, 0-6 "	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-453		SPLIT SPOON #43, 6-12"	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-454F		FIELD BLANK AUDIT	-	-	ATS	12/07/96	0.300	U NG/GR V
97-ATX69-455P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATS	12/07/96	1.73	NG/GR V
97-ATX69-455T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATS	12/07/96	1.77	NG/GR V

DATE: 12/09/96

CASE NO: 50103 BATCH: F

NEW - ANDUR

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH F

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPER/ENV

ADD1: DICKIN, 2378-TETRACHLOROBENZO-P, RAPID

EPA			SITE	D			
SMO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SECTION LAYER	ANALYSIS LAB DATE	CONCENTRATION	D UNITS	C
97-CTX69-028	SC-6		- -	ATS 12/06/96	0.834	U PG/RS	V
97-CTX69-029	SC-7		- -	ATS 12/06/96	0.847	U PG/RS	V
97-CTX69-030	SC-8		- -	ATS 12/06/96	0.864	U PG/RS	V
97-CTX69-031	SC-2		- -	ATS 12/06/96	0.926	U PG/RS	V
97-CTX69-032	SC-6		- -	ATS 12/06/96	0.986	U PG/RS	V
97-CTX69-033	SC-7		- -	ATS 12/06/96	0.970	U PG/RS	V
97-CTX69-034	SC-8		- -	ATS 12/06/96	0.983	U PG/RS	V

DATE: 12/09/96

CASE NO: 50103 BATCH: E

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH E

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPB/ENSV

SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SMO NUMBER	EPA SAMPLE NUMBER	SITE SECTION LAYER	ANALYSES			D UNITS C
			LAB	DATE	CONCENTRATION	
97-ATX69-374	CELL 816, 1ST LIFT	- - ATS	12/05/96	1.55		NG/GN V
97-ATX69-375	CELL 834, 1ST LIFT	- - ATS	12/05/96	1.22		NG/GN V
97-ATX69-376	CELL 873, 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-377	CELL 798, 1ST LIFT	- - ATS	12/05/96	0.394		NG/GN V
97-ATX69-378	CELL 1109 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-379	CELL 1110 1ST LIFT	- - ATS	12/05/96	3.57		NG/GN V
97-ATX69-380	CELL 1112 1ST LIFT	- - ATS	12/05/96	0.848		NG/GN V
97-ATX69-381	CELL 1113 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-382	CELL 1114 1ST LIFT	- - ATS	12/05/96	2.61		NG/GN V
97-ATX69-383	CELL 1135, 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-384	CELL 933, 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-385	CELL 953, 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-386	CELL 1060, 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-387	CELL 1061, 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-388	CELL 1068, 1ST LIFT	- - ATS	12/05/96	1.62		NG/GN V
97-ATX69-389	CELL 1069, 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-390	CELL 1087, 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-391	CELL 1090, 1ST LIFT	- - ATS	12/05/96	0.07		NG/GN V
97-ATX69-392	CELL 1111, 1ST LIFT	- - ATS	12/05/96	1.34		NG/GN V
97-ATX69-393	CELL 1131, 1ST LIFT	- - ATS	12/05/96	2.04		NG/GN V
97-ATX69-394	CELL 874, 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-395	CELL 1062, 1ST LIFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-396F	FIELD BLANK AUDITFT	- - ATS	12/05/96	0.300		U NG/GN V
97-ATX69-397P	PERFORMANCE EVALUATION AUDIT SAMPLE	- - ATS	12/05/96	1.06		NG/GN V
97-ATX69-397T	TRUE VALUE PE AUDIT SAMPLE	- - ATS	12/05/96	1.90		NG/GN V
97-BPL01-308N	METHOD BLANK	- - ATS	12/05/96	0.300		U NG/GN V
97-BPL01-312N	METHOD BLANK	- - ATS	12/05/96	0.300		U NG/GN V
97-BPL01-313N	METHOD BLANK	- - ATS	12/05/96	0.300		U NG/GN V

DA - 12/09/96

CASE NO: 50103 BATCH: G

PAGE 1

MF - ANDUN

SIR - ET: TRANSMITTAL REPORT FOR CASE 50103 BATCH G

FROM: ANDREA JIRKA
CBIEF, LABO/ENSV

TO: CBIEF, EPLR/ENSV

SDC : DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

ITEM NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION	ANALYSIS			D UNITS	I	V
				LAYER	LAB	DATE			
97-ATX69-398	CELL 1014, 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-399	CELL 10022 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-400	CELL 1023 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-401	CELL 1037 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-402	CELL 1040 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-403	CELL 1041 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-404	CELL 1045 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-405	CELL 1046 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-406	CELL 1063, 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-407	CELL 1064, 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-408	CELL 1088, 1ST LIFT		- - ATS	12/06/96	2.80		NG	GN	V
97-ATX69-409	CELL 628, 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-410	CELL 980, 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-411	CELL 981, 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-412	CELL 1000, 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-413	CELL 1065, 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-414	CELL 1066, 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-415	CELL 1090, 2ND LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-416	CELL 1110, 2ND LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-417	CELL 1111, 2ND LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-418	CELL 1114, 2ND LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-419	CELL 816, 2ND LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-420	CELL 834, 2ND LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-421	CELL 961 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-422	CELL 962 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-423	CELL 1044 1ST LIFT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-426F	FIELD BLANK AUDIT		- - ATS	12/06/96	0.300		U	NG/GN	V
97-ATX69-425P	PERFORMANCE EVALUATION AUDIT SAMPLE		- - ATS	12/06/96	5.16		NG	GN	V
97-ATX69-425T	TRUE VALUE PE AUDIT SAMPLE		- - ATS	12/06/96	5.40		NG	GN	V
97-BPL01-314W	METHOD BLANK		- - ATS	12/06/96	0.300		U	NG/GN	V
97-BPL01-315W	METHOD BLANK		- - ATS	12/06/96	0.300		U	NG/GN	V

LAB: ATS
CASE: 50103 BATCH: G
INSTRUMENT ID: E
TRANSMITTER: A DATE: 12/06/96

LI/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: / /
TIME:

SHO SAMPLE #	EPA SAMPLE #	ANALYSIS DATE	BASIC TIME	320/322	332/334	SURROGATE ACC	TCD CCSC.	RRUN CODE	VALID CCSC	UNITS	COMMENTS
METH BLK	METH BLK	12/06/96	1529	1.13*	0.79	93.28	0.300 U			UG/GM	
METH BLK	METH BLK	12/06/96	1544	0.72	0.79	92.98	0.300 U			UG/GM	
ATK69414	ATK69414F	12/06/96	2001	0.67*	0.79	95.93	0.300 U			UG/GM	
ATK69425	ATK69425P	12/06/96	2015	0.78	0.79	94.38	5.165			UG/GM	
ATK69412	ATK69412	12/06/96	2030	0.86	0.78	96.82	0.300 U			UG/GM	
ATK69413	ATK69413	12/06/96	2044	0.72	0.79	90.26	0.300 U			UG/GM	
ATK69414	ATK69414	12/06/96	2058	0.88	0.78	98.91	0.300 U			UG/GM	
ATK69415	ATK69415	12/06/96	2112	0.91*	0.78	88.39	0.300 U			UG/GM	
ATK69416	ATK69416	12/06/96	2127	1.17*	0.77	94.14	0.300 U			UG/GM	
ATK69417	ATK69417	12/06/96	2141	5.53*	0.79	90.66	0.300 U			UG/GM	
ATK69418	ATK69418	12/06/96	2155	0.34*	0.71	88.39	0.300 U			UG/GM	
ATK69419	ATK69419	12/06/96	2209	1.01*	0.79	92.71	0.300 U			UG/GM	
ATK69420	ATK69420	12/06/96	2223	0.33*	0.79	93.96	0.300 U			UG/GM	
ATK69421	ATK69421	12/06/96	2238	0.69	0.82	93.00	0.300 U			UG/GM	
ATK69422	ATK69422	12/06/96	2252	0.77	0.79	93.74	0.300 U			UG/GM	
ATK69423	ATK69423	12/06/96	2306	0.76	0.79	99.89	0.300 U			UG/GM	

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT OF SURROGATE OR INTERNAL STD

SEC QUALITY CONTROL SAMPLE CODES:

- P REBURN DUE TO PERFORMANCE SAMPLE
- D REQUESTED REBURN
- R AUTOMATIC REBURN

12/6/96
JMK

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA REBURN CODES:

- A AUTOMATIC REBURN

LAB: ATS
CASE: 50103 BATCH: 6
INSTRUMENT ID: 6
TRANSMISSION: A DATE: 12/06/96

IR/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: / /
TIME:

SHO SAMPLE #	TPA SAMPLE #	ANALYSIS DATE	RATIO 320/322	RATIO 332/334	SUBSTAGATE ACC	TCDD CGC.	ZEROIS CODE	VALID CODE	UNITS	COMMENTS
ATX69398	ATX69398	12/06/96	1939	0.75	0.79	96.81	0.300	0	UG/GM	
ATX69399	ATX69399	12/06/96	1954	0.74	0.80	94.81	0.300	0	UG/GM	
ATX69400	ATX69400	12/06/96	2009	0.60*	0.81	92.54	0.300	0	UG/GM	
ATX69401	ATX69401	12/06/96	2024	0.83	0.79	95.92	0.300	0	UG/GM	
ATX69402	ATX69402	12/06/96	2039	0.85	0.80	95.82	0.300	0	UG/GM	
ATX69403	ATX69403	12/06/96	2054	17.9*	0.77	68.94	0.300	0	UG/GM	
ATX69404	ATX69404	12/06/96	2109	0.42*	0.74	82.61	0.300	0	UG/GM	
ATX69405	ATX69405	12/06/96	2124	1.48*	0.78	90.85	0.300	0	UG/GM	
ATX69406	ATX69406	12/06/96	2139	1.03*	0.82	91.50	0.300	0	UG/GM	
ATX69407	ATX69407	12/06/96	2154	0.31*	0.79	96.94	0.300	0	UG/GM	
ATX69408	ATX69408	12/06/96	2209	0.88	0.80	89.29	2.001		UG/GM	
ATX69409	ATX69409	12/06/96	2224	1.30*	0.77	103.00	0.300	0	UG/GM	
ATX69410	ATX69410	12/06/96	2239	1.98*	0.80	93.31	0.300	0	UG/GM	
ATX69411	ATX69411	12/06/96	2254	0.33*	0.82	93.55	0.300	0	UG/GM	

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SUBSTAGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT OR SUBSTAGATE OR INTERNAL STD

SHO QUALITY CONTROL SAMPLE CODES:

- P REBURN DUE TO PERFORMANCE SAMPLE
- Q REQUESTED REBURN
- R AUTOMATIC REBURN

TPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

TPA REBURN CODES:

- A AUTOMATIC REBURN

Heller
JMK

LAB: A79
CASE: 50103 BATCH: 3
INSTRUMENT ID: 7
TRANSMISSION: 8 DATE: 12/06/96

LR/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: / /
TIME:

SMO	EPA	ANALYSIS	RATIO	RATIO	SUBROGATE	TODD	BERON	VALID	UNITS	COMMENTS
SAMPLE #	SAMPLE #	DATE	TIME	320/322	332/334	ACC	CONC.	CODE	CODE	
METH BLK	METH BLANK	12/06/96	1529	1.18*	0.79	93.28	0.300	U		NG/GM
METH BLK	METH BLANK	12/06/96	1544	0.72	0.79	92.98	0.100	U		NG/GM
ATK6938B R	ATK6938S	12/06/96	1626	0.57	0.76	90.25	1.415			NG/GM
ATK6939J R	ATK6939J	12/06/96	1641	0.80	0.79	96.50	2.039			NG/GM

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SUBROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT OF SUBROGATE OR INTERNAL STD

SMO QUALITY CONTROL SAMPLE CODES:

- P REURN DUE TO PERFORMANCE SAMPLE
- Q REQUESTED REURN
- R AUTOMATIC REURN

EPA QUALITY CONTROL SAMPLE CODES:

- C DUPLICATE SAMPLE
- M METROG BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA BERON CODES:

- A AUTOMATIC REURN

12/16/96
JHC

DRAFT/REVIEWED

CASE NO: 50103 BATCH: C

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH C

FROM: ANDREA JIRICA
CHIEF, LABO/ENSV

TO: CHIEF, EPBR/ENSV

5002: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

EPA SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D I C
			SECTION	ANALYSIS LAB	DATE	
LAYER						
-	-	CELL 680 1ST LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 681 1ST LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 876 1ST LIFT	ATS	12/05/96	6.05	NG/EM V
-	-	CELL 877 1ST LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 896 1ST LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 916 1ST LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 1094 2ND LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 1095 RESAMPLE	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 672 1ST LIFT	ATS	12/04/96	0.386	NG/EM V
-	-	CELL 696 1ST LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 722 2ND LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 761 1ST LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 897 1ST LIFT	ATS	12/05/96	0.300	U NG/EM V
-	-	CELL 936 1ST LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 937 1ST LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 1133 1ST LIFT	ATS	12/04/96	0.300	U NG/EM V
-	-	CELL 1134 1ST LIFT	ATS	12/05/96	0.300	U NG/EM V
-	-	FIELD BLANK AUDIT	ATS	12/04/96	0.300	U NG/EM V
-	-	PERFORMANCE EVALUATION AUDIT SAMPLE	ATS	12/04/96	4.76	NG/EM V
-	-	TRUE VALUE PE AUDIT SAMPLE	ATS	12/04/96	5.40	NG/EM V
-	-	METHOD BLANK	ATS	12/04/96	0.300	U NG/EM V
-	-	METHOD BLANK	ATS	12/05/96	0.300	U NG/EM V

MEMORANDUM

CASE NO: 50103 BATCH: E

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH E

FROM: ANDREA JIREA
CHIEF, LABO/ENVY

TO: CHIEF, EPBR/ENVY

6002: DICOTIN, Z378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D I C
			SECTION	LAB	DATE	
LAYER						
-	-	CELL 816, 1ST LIFT	ATS	12/05/96	1.55	NG/GN V
-	-	CELL 834, 1ST LIFT	ATS	12/05/96	1.22	NG/GN V
-	-	CELL 873, 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	CELL 798, 1ST LIFT	ATS	12/05/96	0.304	NG/GN V
-	-	CELL 1109 1ST LIFT	ATS	12/05/95	0.300	U NG/GN V
-	-	CELL 1110 1ST LIFT	ATS	12/05/96	3.57	NG/GN V
-	-	CELL 1112 1ST LIFT	ATS	12/05/96	0.668	NG/GN V
-	-	CELL 1113 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	CELL 1114 1ST LIFT	ATS	12/05/96	2.61	NG/GN V
-	-	CELL 1135, 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	CELL 933, 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	CELL 953, 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	CELL 1060, 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	CELL 1061, 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	CELL 1068, 1ST LIFT	ATS	12/05/96	INVALID	NG/GN
-	-	CELL 1069, 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	CELL 1087, 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	CELL 1090, 1ST LIFT	ATS	12/05/96	9.07	NG/GN V
-	-	CELL 1111, 1ST LIFT	ATS	12/05/96	1.34	NG/GN V
-	-	CELL 1131, 1ST LIFT	ATS	12/05/96	INVALID	NG/GN
-	-	CELL 876, 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	CELL 1062, 1ST LIFT	ATS	12/05/96	0.300	U NG/GN V
-	-	FIELD BLANK AUDIT/T	ATS	12/05/96	0.300	U NG/GN V
-	-	PERFORMANCE EVALUATION AUDIT SAMPLE	ATS	12/05/96	1.66	NG/GN V
-	-	TRUE VALUE PE AUDIT SAMPLE	ATS	12/05/96	1.90	NG/GN V
-	-	97-BPL01-308K METHOD BLANK	ATS	12/05/96	0.300	U NG/GN V

DATE: 12/04/96

CASE NO: 50103 BATCH: D

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH D

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EPR/ENVY

SO02: DICHLIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SMO NUMBER	SAMPLE NUMBER	EPA SAMPLE NUMBER	SITE		D UNITS	I C	V			
			SECTION	ANALYSIS						
			LATER	LAB						
		97-ATX60-373	CELL 764 2ND LIFT	- -	ATB	12/04/96	0.300	U	MG/GM	V
		97-EPL01-303N	METHOD BLANK	- -	ATB	12/04/96	0.300	U	MG/GM	V

DATE: 12/09/96

CASE NO: 50103 BATCH: C

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH C

FROM: ANDREA JJEKA
CHIEF, LABO/ENVY

TO: CHIEF, EPB/ENVY

H003: DIOXIN, 2378-TETRACHLOROBENZO-P, WIPE, RAPID

SD# NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION	D I U UNITS	V C	
97-BPL01-305H	METHOD BLANK		- -	ATS	12/04/96	0.400	U	PCDD/F	V
97-BTX69-002	KORATSU DOZER		- -	ATS	12/05/96	0.400	U	PCDD/F	V

DATE: 12/04/96

CASE NO: 50103 BATCH: C

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABO/EMEV

TO: CHIEF, EPER/ENSV

SOD2: D1001W, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION	D		
							I	V	C
97-ATX69-354		CELL 680 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-355		CELL 681 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-356		CELL 876 1ST LIFT	- -	ATS	12/05/96	6.05	NG/EN	V	
97-ATX69-357		CELL 877 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-358		CELL 896 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-359		CELL 916 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-360		CELL 1094 2ND LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-361		CELL 1095 RESAMPLE	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-362		CELL 672 1ST LIFT	- -	ATS	12/04/96	0.386	NG/EN	V	
97-ATX69-363		CELL 696 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-364		CELL 722 2ND LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-365		CELL 761 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-366		CELL 897 1ST LIFT	- -	ATS	12/04/96	INVALID	NG/EN		
97-ATX69-367		CELL 936 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-368		CELL 937 1ST LIFT	- -	ATE	12/04/96	0.300	U	NG/EN	V
97-ATX69-369		CELL 1133 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-370		CELL 1134 1ST LIFT	- -	ATS	12/05/96	0.300	U	NG/EN	V
97-ATX69-371F		FIELD BLANK AUDIT	- -	ATS	12/04/96	0.300	U	NG/EN	V
97-ATX69-372P		PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATS	12/04/96	4.76	NG/EN	V	
97-ATX69-372T		TRUE VALUE PE AUDIT SAMPLE	- -	ATS	12/04/96	5.60	NG/EN	V	
97-BPL01-306W		METHOD BLANK	- -	ATS	12/04/96	0.300	U	NG/EN	V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH 8

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPA/ENSV

SUBJ: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SHO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D UNITS	I C	
			SECTION	LAYER	LAB	ANALYSIS	CONCENTRATION	
97-ATX69-330		CELL 648, 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-331		CELL 649, 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-332		CELL 650, 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-333		CELL 651, 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-334		CELL 652, 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-335		CELL 674, 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-336		CELL 697 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-337		CELL 722 1ST LIFT	-	-	ATS	12/03/96	1.06	NG/GN V
97-ATX69-338		CELL 723 1ST LIFT	-	-	ATS	12/03/96	0.915	NG/GN V
97-ATX69-339		CELL 744 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-340		CELL 766 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-341		CELL 631 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-342		CELL 632 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-343		CELL 633 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-344		CELL 634 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-345		CELL 655 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-346		CELL 656 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-347		CELL 657 1ST LIFT	-	-	ATS	12/03/96	0.300	U NG/GN V
97-ATX69-348		CELL 676 1ST LIFT	-	-	ATS	12/04/96	0.300	U NG/GN V
97-ATX69-349		CELL 678 1ST LIFT	-	-	ATS	12/04/96	0.300	U NG/GN V
97-ATX69-350		CELL 699 1ST LIFT	-	-	ATS	12/04/96	0.891	NG/GN V
97-ATX69-351		CELL 726 1ST LIFT	-	-	ATS	12/04/96	0.448	NG/GN V
97-ATX69-352		CELL 837 1ST LIFT	-	-	ATS	12/04/96	0.300	U NG/GN V
97-ATX69-353		CELL 855 1ST LIFT	-	-	ATS	12/04/96	0.300	U NG/GN V
97-BPL01-300M		METHOD BLANK	-	-	ATS	12/03/96	0.300	U NG/GN V
97-BPL01-302M		METHOD BLANK	-	-	ATS	12/04/96	0.300	U NG/GN V

DATE: 12/03/06

CASE NO: 50103 BATCH: A

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPB/SNSV

S002: DIOXIN, 2379-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SHQ NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION
	97-ATX69-320	CELL 820, 1ST LIFT
	97-ATX69-321	CELL 821, 1ST LIFT
	97-ATX69-322	CELL 822, 1ST LIFT
	97-ATX69-323	CELL 764, 1ST LIFT
	97-ATX69-324	CELL 765, 1ST LIFT
	97-ATX69-325	743
	97-ATX69-326	425
	97-ATX69-327	424
	97-ATX69-328	427
	97-ATX69-329	429
	97-BPL01-299M	METHOD BLANK

DATE: 12/03/96

CASE NO: 50099 BATCH: D

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50099 BATCH D

FROM: ANDREA JINKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

5002: DICKIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SMD NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE	D					
			SECTION LAYER	ANALYSIS		I	V		
				LAB	DATE	CONCENTRATION	D	UNITS	C
97-ATX69-311		CELL 125, 2ND LIFT	- -	ATS	11/27/96	0.300	U	NG/ON	V
97-ATX69-312		CELL 801, 1ST LIFT	- -	ATS	11/27/96	0.300	U	NG/ON	V
97-ATX69-313		CELL 804, 1ST LIFT	- -	ATS	11/27/96	0.300	U	NG/ON	V
97-ATX69-314		CELL 819, 1ST LIFT	- -	ATS	11/27/96	0.300	U	NG/ON	V
97-ATX69-315		CELL 822, 1ST LIFT	- -	ATS	11/27/96	0.300	U	NG/ON	V
97-ATX69-316F		FIELD BLANK AUDIT	- -	ATS	11/27/96	0.300	U	NG/ON	V
97-ATX69-317P		PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATS	11/27/96	3.02		NG/ON	V
97-ATX69-317T		TRUE VALUE PE AUDIT SAMPLE	- -	ATS	11/27/96	3.16		NG/ON	V
97-ATX69-318		CELL 781, 1ST LIFT	- -	ATS	11/27/96	0.300	U	NG/ON	V
97-ATX69-319		CELL 763, 1ST LIFT	- -	ATS	11/27/96	0.300	U	NG/ON	V
97-BPL01-298M		METHOD BLANK	- -	ATS	11/27/96	0.300	U	NG/ON	V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50103 BATCH B

FROM: ANDREA JIRKA
CHIEF, LAB/ENSV

TO: CHIEF, EPA/ENSV

SD02: DIOXIN, 2378-TETRACHLOROBENZO-P, DAPIC
REPORTED ON A NET WEIGHT BASIS

SDN NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION	ANALYSIS LAB	DATE	CONCENTRATION	D		
							I	V	UNITS
							D	V	C
97-ATX69-330		CELL 648, 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-331		CELL 649, 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-332		CELL 650, 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-333		CELL 651, 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-334		CELL 652, 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-335		CELL 674, 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-336		CELL 697 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-337		CELL 722 1ST LIFT	- -	ATS	12/03/96	4.06	U	NG/GR	V
97-ATX69-338		CELL 723 1ST LIFT	- -	ATS	12/03/96	0.915	U	NG/GR	V
97-ATX69-339		CELL 744 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-340		CELL 766 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-341		CELL 631 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-342		CELL 632 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-343		CELL 653 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-344		CELL 654 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-345		CELL 655 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-346		CELL 656 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-347		CELL 657 1ST LIFT	- -	ATS	12/03/96	0.300	U	NG/GR	V
97-ATX69-348		CELL 676 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/GR	V
97-ATX69-349		CELL 678 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/GR	V
97-ATX69-350		CELL 699 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/GR	V
97-ATX69-351		CELL 724 1ST LIFT	- -	ATS	12/04/96	INVALID	U	NG/GR	V
97-ATX69-352		CELL 837 1ST LIFT	- -	ATS	12/04/96	0.448	U	NG/GR	V
97-ATX69-353		CELL 855 1ST LIFT	- -	ATS	12/04/96	0.300	U	NG/GR	V
97-BPL01-300W		METHOD BLANK	- -	ATS	12/03/96	0.300	U	NG/GR	V

DATE: 12/01/96

CASE NO: 50099 BATCH: D

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50099 BATCH D

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPBR/ENSV

SOC2: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SHQ NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	D			
			SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION	J
							V
			LAYER	LAB	DATE	CONCENTRATION	O UNITS C
-	-	ATX69-311 CELL 125, 2ND LIFT	-	ATS	11/27/96	0.300	U NG/ON V
-	-	ATX69-312 CELL 801, 1ST LIFT	-	ATS	11/27/96	0.300	U NG/ON V
-	-	ATX69-313 CELL 804, 1ST LIFT	-	ATS	11/27/96	0.300	U NG/ON V
-	-	ATX69-314 CELL 819, 1ST LIFT	-	ATS	11/27/96	0.300	U NG/ON V
-	-	ATX69-315 CELL 822, 1ST LIFT	-	ATS	11/27/96	0.300	U NG/ON V
-	-	ATX69-316F FIELD BLANK AUDIT	-	ATS	11/27/96	0.300	U NG/ON V
-	-	ATX69-317P PERFORMANCE EVALUATION AUDIT SAMPLE	-	ATS	11/27/96	3.02	NG/ON V
-	-	ATX69-317T TRUE VALUE PE AUDIT SAMPLE	-	ATS	11/27/96	3.16	NG/ON V
-	-	ATX69-318 CELL 781, 1ST LIFT	-	ATS	11/27/96	0.300	U NG/ON V
-	-	ATX69-319 CELL 763, 1ST LIFT	-	ATS	11/27/96	0.300	U NG/ON V
-	-	ATX69-320 CELL 820, 1ST LIFT	-	ATS			NG/ON
-	-	ATX69-321 CELL 821, 1ST LIFT	-	ATS			NG/ON
-	-	ATX69-322 CELL 822, 1ST LIFT	-	ATS			NG/ON
-	-	ATX69-323 CELL 764, 1ST LIFT	-	ATS			NG/ON
-	-	ATX69-324 CELL 765, 1ST LIFT	-	ATS			NG/ON
-	-	ATX69-325 METHOD BLANK	-	ATS	11/27/96	0.300	U NG/ON V

DATE: 11/26/96

CASE NO: 50099 BATCH: B

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50099 BATCH B

FROM: ANDREA JIRKA
CHIEF, LABO/EMSV

TO: CHIEF, EPA/EMSV

5002: DICOTIN, 237B-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

EPA			SITE	D			
SHO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SECTION LAYER	ANALYSIS LAB DATE	CONCENTRATION	I	V
					D	UNITS	C
97-ATX69-286	CELL 844,	1ST LIFT	- -	ATS 11/25/96	1.12	NG/GR	Y
97-ATX69-289	CELL 862,	1ST LIFT	- -	ATS 11/25/96	0.531	NG/GR	V
97-ATX69-290	CELL 938,	2ND LIFT	- -	ATS 11/25/96	0.300	U NG/GR	V
97-ATX69-291	CELL 920,	1ST LIFT	- -	ATS 11/25/96	0.300	U NG/GR	V
97-ATX69-292	CELL 808	1ST LIFT	- -	ATS 11/25/96	0.300	U NG/GR	V
97-ATX69-293	CELL 826	1ST LIFT	- -	ATS 11/25/96	0.300	U NG/GR	V
97-ATX69-294	CELL 858	1ST LIFT	- -	ATS 11/25/96	0.300	U NG/GR	V
97-ATX69-295	CELL 860	1ST LIFT	- -	ATS 11/25/96	0.715	NG/GR	V
97-ATX69-296	CELL 861	1ST LIFT	- -	ATS 11/25/96	0.310	NG/GR	V
97-ATX69-297	CELL 879	1ST LIFT	- -	ATS 11/25/96	0.300	U NG/GR	V
97-ATX69-298	CELL 883	1ST LIFT	- -	ATS 11/25/96	0.300	U NG/GR	V
97-ATX69-299F	CELL 883	1ST LIFT	- -	ATS 11/25/96	0.300	U NG/GR	V
97-ATX69-300P	PERFORMANCE EVALUATION AUDIT SAMPLE		- -	ATS 11/25/96	5.10	NG/GR	V
97-ATX69-300T	TRUE VALUE PE AUDIT SAMPLE		- -	ATS 11/25/96	5.40	NG/GR	Y
97-ATX69-301	CELL 823	1ST LIFT	- -	ATS 11/25/96	0.300	U NG/GR	V
97-ATX69-302	CELL 842	1ST LIFT	- -	ATS 11/25/96	0.503	NG/GR	V
97-SPLO1-293H	METHOD BLANK		- -	ATS 11/25/96	0.300	U NG/GR	V

DATE: 11/26/96

CASE NO: 50099 BATCH: B

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50099 BATCH B

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPPR/ENSV

5002: DIONIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE			D T V		
			SECTION	LATER	LAB	ANALYSIS DATE	CONCENTRATION	D UNITS C
97-ATX69-288		CELL 844, 1ST LIFT	-	-	ATS	11/25/96	1.12	NG/GN V
97-ATX69-289		CELL 862, 1ST LIFT	-	-	ATS	11/25/96	0.331	NG/GN V
97-ATX69-290		CELL 938, 2ND LIFT	-	-	ATS	11/25/96	0.300	U NG/GN V
97-ATX69-291		CELL 920, 1ST LIFT	-	-	ATS	11/25/96	0.300	U NG/GN V
97-ATX69-292		CELL 808 1ST LIFT	-	-	ATS	11/25/96	0.300	U NG/GN V
97-ATX69-293		CELL 826 1ST LIFT	-	-	ATS	11/25/96	0.300	U NG/GN V
97-ATX69-294		CELL 850 1ST LIFT	-	-	ATS	11/25/96	0.300	U NG/GN V
97-ATX69-295		CELL 860 1ST LIFT	-	-	ATS	11/25/96	0.715	NG/GN V
97-ATX69-296		CELL 861 1ST LIFT	-	-	ATS	11/25/96	0.310	NG/GN V
97-ATX69-297		CELL 879 1ST LIFT	-	-	ATS	11/25/96	0.300	U NG/GN V
97-ATX69-298		CELL 883 1ST LIFT	-	-	ATS	11/25/96	0.300	U NG/GN V
97-ATX69-299P		CELL 883 1ST LIFT	-	-	ATS	11/25/96	0.300	U NG/GN V
97-ATX69-300P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATS	11/25/96	5.10	NG/GN V
97-ATX69-300T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATS	11/25/96	5.40	NG/GN V
97-ATX69-301		CELL 825 1ST LIFT	-	-	ATS	11/25/96	0.300	U NG/GN V
97-ATX69-302		CELL 842 1ST LIFT	-	-	ATS	11/25/96	0.503	NG/GN V
97-BPL01-293H		METHOD BLANK	-	-	ATS	11/25/96	0.300	U NG/GN V

DATE: 11/27/96

CASE NO: 50097 BATCH: F

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH F

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

S002: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SITE SECTION SAMPLE DESCRIPTION	LAB	ANALYSIS LAYER	DATE	CONCENTRATION	C		
							I	V	UNITS
97-ATX69-257	CELL 762 1ST LIFT	- -	ATS	11/22/96	0.300		U	NG/GN	V
97-ATX69-258	CELL 859 1ST LIFT	- -	ATS	11/22/96	0.300		U	NG/GN	V
97-ATX69-259	CELL 898 1ST LIFT	- -	ATS	11/22/96	0.300		U	NG/GN	V
97-ATX69-260	CELL 901 2ND LIFT	- -	ATS	11/22/96	0.338		NG/GN	V	
97-ATX69-261	CELL 920 1ST LIFT	- -	ATS	11/22/96	3.60		NG/GN	V	
97-ATX69-262	CELL 921 1ST LIFT	- -	ATS	11/22/96	0.300		U	NG/GN	V
97-ATX69-263	CELL 923 1ST LIFT	- -	ATS	11/22/96	0.300		U	NG/GN	V
97-ATX69-264	CELL 938 1ST LIFT	- -	ATS	11/22/96	4.68		NG/GN	V	
97-ATX69-265	CELL 1094 1ST LIFT	- -	ATS	11/22/96	1.21		NG/GN	V	
97-ATX69-266	CELL 1095 1ST LIFT	- -	ATS	11/25/96	INVALID		NG/GN		
97-ATX69-267	CELL 1097 1ST LIFT	- -	ATS	11/22/96	0.300		U	NG/GN	V
97-ATX69-268	CELL 1098 1ST LIFT	- -	ATS	11/22/96	0.300		U	NG/GN	V
97-ATX69-269	CELL 1132 1ST LIFT	- -	ATS	11/22/96	4.54		NG/GN	V	
97-ATX69-270	CELL 1166 - SIDE WALL	- -	ATS	11/22/96	2.30		NG/GN	V	
97-ATX69-271	CELL 1169 - SIDE WALL	- -	ATS	11/23/96	7.50		NG/GN	V	
97-ATX69-272P	FIELD BLANK AUDIT	- -	ATS	11/22/96	0.300		U	NG/GN	V
97-ATX69-273P	PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATS	11/22/96	1.72		NG/GN	V	
97-ATX69-273T	TRUE VALUE PE AUDIT SAMPLE	- -	ATS	11/22/96	1.90		NG/GN	V	
97-BPL01-286M	METHOD BLANK	- -	ATS	11/22/96	0.300		U	NG/GN	V
97-BPL01-287M	METHOD BLANK	- -	ATS	11/23/96	0.300		U	NG/GN	V
97-BPL01-292M	METHOD BLANK	- -	ATS	11/25/96	0.300		U	NG/GN	V

DATE: 11/27/96

CASE NO: 50099 BATCH: C

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50099 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

SD02: DIONIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA		SECTION LAYER	SITE LAB	ANALYSIS DATE	D CONCENTRATION	D		
	SAMPLE NUMBER	SAMPLE DESCRIPTION					I	V	
							U	NG/GR	
97-ATX69-303	CELL 807, 1ST LIFT	-	-	ATS	11/26/96	1.97	U	NG/GR V	
97-ATX69-304	CELL 844, 2ND LIFT	-	-	ATS	11/26/96	0.300	U	NG/GR V	
97-ATX69-305	CELL 786, 1ST LIFT	-	-	ATS	11/26/96	0.300	U	NG/GR V	
97-ATX69-306	CELL 806, 1ST LIFT	-	-	ATS	11/26/96	1.86	U	NG/GR V	
97-ATX69-307	CELL 823, 1ST LIFT	-	-	ATS	11/26/96	0.447	U	NG/GR V	
97-ATX69-308	CELL 824, 1ST LIFT	-	-	ATS	11/26/96	0.300	U	NG/GR V	
97-ATX69-309	CELL 805, 1ST LIFT	-	-	ATS	11/26/96	3.18	U	NG/GR V	
97-ATX69-310	CELL 857, 1ST LIFT	-	-	ATS	11/26/96	0.300	U	NG/GR V	
97-BPL01-295M	METHOD BLANK	-	-	ATS	11/26/96	0.300	U	NG/GR V	

DATE: 11/29/96 T

CASE NO: 50097 BATCH: D

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH D

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPAR/ENSV

5002: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D UNITS	I C	V
			SECTION	LAYER	ANALYSIS LAB DATE			
97-ATX69-203	SPLIT SPOON #12, 0-6"		-	-	ATS 11/20/96 0.300	U	NG/GN	V
97-ATX69-204	SPLIT SPOON #12, 6-12"		-	-	ATS 11/20/96 0.300	U	NG/GN	V
97-ATX69-205	SPLIT SPOON #13, 0-6 "		-	-	ATS 11/21/96 0.300	U	NG/GN	V
97-ATX69-206	SPLIT SPOON #13, 6-12"		-	-	ATS 11/21/96 0.300	U	NG/GN	V
97-ATX69-207	SPLIT SPOON #16, 0-6 "		-	-	ATS 11/21/96 0.300	U	NG/GN	V
97-ATX69-208	SPLIT SPOON #17, 0-6 "		-	-	ATS 11/21/96 0.300	U	NG/GN	V
97-ATX69-209	SPLIT SPOON #17, 6-12"		-	-	ATS 11/21/96 0.300	U	NG/GN	V
97-ATX69-210	SPLIT SPOON #18, 0-6 "		-	-	ATS 11/21/96 0.300	U	NG/GN	V
97-BPL01-273M	METHOD BLANK		-	-	ATS 11/20/96 0.300	U	NG/GN	V
97-BPL01-274M	METHOD BLANK		-	-	ATS 11/20/96 0.300	U	NG/GN	V
97-BPL01-279M	METHOD BLANK		-	-	ATS 11/21/96 0.300	U	NG/GN	V
97-BPL01-280M	METHOD BLANK		-	-	ATS 11/21/96 0.300	U	NG/GN	V
97-BPL01-284M	METHOD BLANK		-	-	ATS 11/22/96 0.300	U	NG/GN	V

DATE: 11/25/96

CASE NO: 50097 BATCH: D

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH D

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

SD02: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE		ANALYSIS	CONCENTRATION	D Q	I UNITS	V C
			SECTION	LAYER					
97-ATX69-173		CELL 165, 1ST LIFT	-	-	ATB	11/21/96	0.696	NG/GN	V
97-ATX69-174		CELL 124, 2ND LIFT	-	-	ATB	11/22/96	INVALID	NG/GN	
97-ATX69-175		CELL 125, 1ST LIFT	-	-	ATB	11/22/96	4.90	NG/GN	V
97-ATX69-176		CELL 132, 2ND LIFT	-	-	ATB	11/20/96	0.300	U	NG/GN V
97-ATX69-177		CELL 133, 1ST LIFT	-	-	ATB	11/20/96	0.300	U	NG/GN V
97-ATX69-178		CELL 141, 1ST LIFT	-	-	ATB	11/22/96	0.950	NG/GN	V
97-ATX69-179		CELL 465, 2ND LIFT	-	-	ATB	11/20/96	0.300	U	NG/GN V
97-ATX69-180		SPLIT SPOON #1, 0-6"	-	-	ATB	11/20/96	1.52	NG/GN	V
97-ATX69-181		SPLIT SPOON #1, 6-12"	-	-	ATB	11/20/96	5.34	NG/GN	V
97-ATX69-182		SPLIT SPOON #2, 0-6 "	-	-	ATB	11/20/96	1.75	NG/GN	V
97-ATX69-183		SPLIT SPOON #2, 6-12"	-	-	ATB	11/22/96	4.10	NG/GN	V
97-ATX69-184		SPLIT SPOON #3, 0-6 "	-	-	ATB	11/21/96	1.37	NG/GN	V
97-ATX69-185		SPLIT SPOON #3, 6-12"	-	-	ATB	11/20/96	4.73	NG/GN	V
97-ATX69-186		SPLIT SPOON #4, 0-6 "	-	-	ATB	11/21/96	3.89	NG/GN	V
97-ATX69-187		SPLIT SPOON #4, 6-12"	-	-	ATB	11/21/96	6.90	NG/GN	V
97-ATX69-188		SPLIT SPOON #5, 0-6 "	-	-	ATB	11/21/96	6.51	NG/GN	V
97-ATX69-189		SPLIT SPOON #5, 6-12"	-	-	ATB	11/21/96	2.33	NG/GN	V
97-ATX69-190		SPLIT SPOON #6, 0-6 "	-	-	ATB	11/21/96	1.19	NG/GN	V
97-ATX69-191		SPLIT SPOON #7, 0-6 "	-	-	ATB	11/21/96	1.74	NG/GN	V
97-ATX69-192		SPLIT SPOON #7, 6-12"	-	-	ATB	11/21/96	3.38	NG/GN	V
97-ATX69-193		SPLIT SPOON #8, 0-6 "	-	-	ATB	11/21/96	1.82	NG/GN	V
97-ATX69-194		SPLIT SPOON #8, 6-12"	-	-	ATB	11/21/96	3.14	NG/GN	V
97-ATX69-195		SPLIT SPOON #9, 0-6 "	-	-	ATB	11/20/96	0.947	NG/GN	V
97-ATX69-196		SPLIT SPOON #9, 6-12"	-	-	ATB	11/22/96	3.96	NG/GN	V
97-ATX69-197		SPLIT SPOON #10, 0-6"	-	-	ATB	11/20/96	1.76	NG/GN	V
97-ATX69-198		SPLIT SPOON #10, 6-12"	-	-	ATB	11/20/96	0.312	NG/GN	V
97-ATX69-199		SPLIT SPOON #11, 0-6 "	-	-	ATB	11/21/96	2.83	NG/GN	V
97-ATX69-200		SPLIT SPOON #11, 6-12"	-	-	ATB	11/21/96	0.300	U	NG/GN V
97-ATX69-201F		FIELD BLANK AUDIT	-	-	ATB	11/20/96	0.300	U	NG/GN V
97-ATX69-202P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATB	11/20/96	1.57	NG/GN	V
97-ATX69-202T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATB	11/20/96	1.90	NG/GN	V

DATE: 11/25/96

CASE NO: 50097 BATCH: G

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH G

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPA/ENSV

SD02: DICOTIN, 237B-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS	D	I	V	
			LAYER	LAB	DATE	CONCENTRATION	Q	UNITS	C
97-ATX69-274		CELL 624 1ST LIFT	- -	ATS	11/23/96	INVALID		NG/GN	
97-ATX69-275		CELL 940 2ND LIFT	- -	ATS	11/23/96	INVALID		NG/GN	
97-ATX69-276		CELL 942 1ST LIFT	- -	ATS	11/23/96	0.300	U	NG/GN	V
97-ATX69-277		CELL 943 1ST LIFT	- -	ATS	11/23/96	0.300	U	NG/GN	V
97-ATX69-278		CELL 630 1ST LIFT	- -	ATS	11/23/96	INVALID		NG/GN	
97-ATX69-279		CELL 708 1ST LIFT	- -	ATS	11/23/96	0.300	U	NG/GN	V
97-ATX69-280		CELL 787 1ST LIFT	- -	ATS	11/23/96	0.300	U	NG/GN	V
97-ATX69-281		CELL 802 1ST LIFT	- -	ATS	11/23/96	0.300	U	NG/GN	V
97-ATX69-282		CELL 856 1ST LIFT	- -	ATS	11/23/96	0.300	U	NG/GN	V
97-ATX69-283		CELL 881 1ST LIFT	- -	ATS	11/23/96	0.300	U	NG/GN	V
97-ATX69-284		CELL 882 1ST LIFT	- -	ATS	11/23/96	0.300	U	NG/GN	V
97-ATX69-285		CELL 902 1ST LIFT	- -	ATS	11/23/96	0.300	U	NG/GN	V
97-ATX69-286		CELL 883 1ST LIFT	- -	ATS	11/23/96	4.05		NG/GN	V
97-ATX69-287		CELL 903 1ST LIFT	- -	ATS	11/23/96	0.300	U	NG/GN	V
97-BPL01-288N		METHOD BLANK	- -	ATS	11/23/96	0.300	U	NG/GN	V

DATE: 11/25/96

CASE NO: 50097 BATCH: F

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH F

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPER/ENV

SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SMD NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	ANALYSIS		D	E UNITS	V
			SECTION	LATER	LAB	DATE		
-	-	-	ATB	11/22/96	0.300		U	NG/GR V
-	-	-	ATB	11/22/96	0.300		U	NG/GR Y
-	-	-	ATB	11/22/96	0.300		U	NG/GR V
-	-	-	ATB	11/22/96	0.338		NG/GR	Y
-	-	-	ATB	11/22/96	3.40		NG/GR	V
-	-	-	ATB	11/22/96	0.300		U	NG/GR V
-	-	-	ATB	11/22/96	0.300		U	NG/GR V
-	-	-	ATB	11/22/96	4.48		NG/GR	V
-	-	-	ATB	11/22/96	1.21		NG/GR	V
-	-	-	ATB	11/23/96	INVALID		NG/GR	
-	-	-	ATB	11/22/96	0.300		U	NG/GR V
-	-	-	ATB	11/22/96	0.300		U	NG/GR V
-	-	-	ATB	11/22/96	4.54		NG/GR	V
-	-	-	ATB	11/22/96	2.30		NG/GR	V
-	-	-	ATB	11/23/96	7.50		NG/GR	V
-	-	-	ATB	11/22/96	0.300		U	NG/GR V
-	-	-	ATB	11/22/96	1.72		NG/GR	V
-	-	-	ATB	11/22/96	1.90		NG/GR	V
-	-	-	ATB	11/22/96	0.300		U	NG/GR V
-	-	-	ATB	11/23/96	0.300		U	NG/GR V

DATE: 11/25/96

CASE NO: 50097 BATCH: E

PAGE 2

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH E

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPA/ENSV

SUBJ: DODIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE	D			
			SECTION	ANALYSIS		I	V
				LAYER	LAB	DATE	CONCENTRATION D UNITS C
97-ATX69-242		CELL 1160 1ST LIFT	- -	ATS	11/21/96	0.627	NG/GN V
97-ATX69-243		CELL 1161 1ST LIFT	- -	ATS	11/21/96	0.300	U NG/GN V
97-ATX69-244		CELL 1162 1ST LIFT	- -	ATS	11/21/96	0.300	U NG/GN V
97-ATX69-245F		FIELD BLANK AUDIT	- -	ATS	11/21/96	0.300	U NG/GN V
97-ATX69-246P		PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATS	11/21/96	1.64	NG/GN V
97-ATX69-246T		TRUE VALUE PE AUDIT SAMPLE	- -	ATE	11/21/96	1.77	NG/GN V
97-ATX69-247		CELL 780 2ND LIFT	- -	ATS	11/21/96	0.300	U NG/GN V
97-ATX69-248		CELL 785 1ST LIFT	- -	ATS	11/22/96	0.300	U NG/GN V
97-ATX69-249		CELL 845 1ST LIFT	- -	ATS	11/21/96	0.300	U NG/GN V
97-ATX69-250		CELL 1050 1ST LIFT	- -	ATS	11/21/96	0.300	U NG/GN V
97-ATX69-251		CELL 1076 1ST LIFT	- -	ATS	11/21/96	0.300	U NG/GN V
97-ATX69-252		CELL 1099 1ST LIFT	- -	ATS	11/22/96	0.300	U NG/GN V
97-ATX69-253		CELL 1072 1ST LIFT	- -	ATS	11/22/96	0.300	U NG/GN V
97-ATX69-254		CELL 1074 1ST LIFT	- -	ATS	11/22/96	0.300	U NG/GN V
97-ATX69-255		CELL 1075 1ST LIFT	- -	ATS	11/22/96	0.588	NG/GN V
97-ATX69-256		CELL 1078 1ST LIFT	- -	ATS	11/22/96	0.300	U NG/GN V
97-BPL01-281M		METHOD BLANK	- -	ATS	11/21/96	0.300	U NG/GN V
97-BPL01-282M		METHOD BLANK	- -	ATS	11/21/96	0.300	U NG/GN V
97-BPL01-285M		METHOD BLANK	- -	ATS	11/22/96	0.300	U NG/GN V

DATE: 11/25/96

CASE NO: 50097 BATCH: E

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH E

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPBR/ENSV

SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	ANALYSIS			D UNITS	I	V
			SECTION	LAYER	LAB	DATE			
97-ATX69-211	SPLIT SPOON #14, 0-6"		-	-	ATS	11/22/96	0.300	U	NG/GN V
97-ATX69-212	SPLIT SPOON #15, 0-6"		-	-	ATS	11/21/96	0.359	U	NG/GN V
97-ATX69-213	SPLIT SPOON #19, 0-6"		-	-	ATS	11/22/96	0.300	U	NG/GN V
97-ATX69-214	SPLIT SPOON #19, 6-12"		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-215	SPLIT SPOON #20, 0-6 "		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-216	SPLIT SPOON #20, 6-12"		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-217	SPLIT SPOON #20, 12-18"		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-218	SPLIT SPOON #20, 18-24"		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-219	SPLIT SPOON #21, 0-6"		-	-	ATS	11/22/96	0.300	U	NG/GN V
97-ATX69-220	SPLIT SPOON #21, 6-12"		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-221	SPLIT SPOON #22, 0-6 "		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-222	SPLIT SPOON #22, 6-12"		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-223	SPLIT SPOON #23, 0-6 "		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-224	SPLIT SPOON #23, 6-12"		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-225	SPLIT SPOON #24, 0-6 "		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-226	SPLIT SPOON #24, 6-12"		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-227	SPLIT SPOON #25, 0-6 "		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-228	SPLIT SPOON #25, 6-12"		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-229	SPLIT SPOON #26, 0-6 "		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-230	SPLIT SPOON #27, 0-6 "		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-231	CELL 922 1ST LIFT		-	-	ATS	11/21/96	0.500	U	NG/GN V
97-ATX69-232	CELL 899 1ST LIFT		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-233	CELL 900 1ST LIFT		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-234	CELL 901 1ST LIFT		-	-	ATS	11/21/96	1.36	U	NG/GN V
97-ATX69-235	CELL 939 1ST LIFT		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-236	CELL 940 1ST LIFT		-	-	ATS	11/21/96	1.04	U	NG/GN V
97-ATX69-237	CELL 936 1ST LIFT		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-238	CELL 1070 1ST LIFT		-	-	ATS	11/21/96	0.300	U	NG/GN V
97-ATX69-239	CELL 1105 1ST LIFT		-	-	ATS	11/22/96	0.300	U	NG/GN V
97-ATX69-240	CELL 1149 1ST LIFT		-	-	ATS	11/22/96	0.300	U	NG/GN V
97-ATX69-241	CELL 1150 1ST LIFT		-	-	ATS	11/22/96	0.300	U	NG/GN V

STANZ

SUBJECT: TRANSMITTER REPORT FOR CASE 80097 BATCH 2

11/23/96
110077

11. CBLF, CBLR/ENOV

OC: 100XN, 100A-40PCBCHROOISHEG-P, ERPI9

REPORTED ON A WET WEIGHT BASIS

REF	SAMPLE	TEST ID	TEST	ANALYST	CONCENTRATION	UNITS	%
17-47X69-267	CELL 762 1ST LIFT	-	476	11/22/96	0.300	UG/GM	V
17-47X69-268	CELL 359 1ST LIFT	-	476	11/22/96	0.300	UG/GM	V
17-47X69-269	CELL 828 1ST LIFT	-	476	11/22/96	0.300	UG/GM	V
17-47X69-270	CELL 901 1ND LIFT	-	476	11/22/96	0.303	UG/GM	V
17-47X69-271	CELL 920 1ST LIFT	-	476	11/22/96	3.40	UG/GM	V
17-47X69-272	CELL 921 1ST LIFT	-	476	11/22/96	1.51	UG/GM	V
17-47X69-273	CELL 923 1ST LIFT	-	476	11/22/96	1.000	UG/GM	V
17-47X69-274	CELL 923 1ST LIFT	-	476	11/22/96	1.46	UG/GM	V
17-47X69-275	CELL 924 1ST LIFT	-	476	11/22/96	1.21	UG/GM	V
17-47X69-276	CELL 925 1ST LIFT	-	476	11/22/96	INVALID	UG/GM	
17-47X69-277	CELL 927 1ST LIFT	-	476	11/22/96	0.300	UG/GM	V
17-47X69-278	CELL 928 1ST LIFT	-	476	11/22/96	1.000	UG/GM	V
17-47X69-279	CELL 929 1ST LIFT	-	476	11/22/96	1.04	UG/GM	V
17-47X69-280	CELL 930 1ST LIFT	-	476	11/22/96	1.00	UG/GM	V
17-47X69-281	CELL 931 1ST LIFT	-	476	11/22/96	0.900	UG/GM	V
17-47X69-282	CELL 932 1ST LIFT	-	476	11/22/96	1.00	UG/GM	V
17-47X69-283	PERFORMANCE-EVALUATION ADULT CRYO	-	476	11/22/96	1.00	UG/GM	V
17-47X69-284	PERFORMANCE-EVALUATION YOUTH SAMPLE	-	476	11/22/96	1.00	UG/GM	V

1978-11/23/96

1967-1970
1967-1970

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REF ID: A1195714 SUBJECT: 108 CASE 33997 9/12/20

101. ADDRESS: 315AA
REF. 266, 1/87

CHIEF, ESTATE/ESV

[REDACTED]

CASE NO: 50097 BATCH: E

PAGE 2

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH E

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPA/ENV

SD02: DIONEX, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SD# NUMBER	EPA SAMPLE NUMBER	SITE SECTION NUMBER	ANALYSIS LAB	DATE	CONCENTRATION	D	I	V
						LAYER	UNITS	C
97-ATX60-242	CELL 1160 1ST LIFT	- -	ATS	11/21/96	0.627		MG/GN	V
97-ATX69-243	CELL 1161 1ST LIFT	- -	ATS	11/21/96	0.300	U	MG/GN	V
97-ATX69-244	CELL 1162 1ST LIFT	- -	ATS	11/21/96	0.300	U	MG/GN	V
97-ATX69-245P	FIELD BLANK AUDIT	- -	ATS	11/21/96	0.300	U	MG/GN	V
97-ATX69-246P	PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATS	11/21/96	1.64		MG/GN	V
97-ATX69-246T	TRUE VALUE PE AUDIT SAMPLE	- -	ATS	11/21/96	1.77		MG/GN	V
97-ATX69-247	CELL 780 2ND LIFT	- -	ATS	11/21/96	0.300	U	MG/GN	V
97-ATX69-248	CELL 785 1ST LIFT	- -	ATS	11/22/96	0.300	U	MG/GN	V
97-ATX69-249	CELL 843 1ST LIFT	- -	ATS	11/21/96	0.300	U	MG/GN	V
97-ATX69-250	CELL 1050 1ST LIFT	- -	ATS	11/21/96	0.300	U	MG/GN	V
97-ATX69-251	CELL 1076 1ST LIFT	- -	ATS	11/21/96	0.300	U	MG/GN	V
97-ATX69-252	CELL 1099 1ST LIFT	- -	ATS	11/22/96	0.300	U	MG/GN	V
97-ATX69-253	CELL 1072 1ST LIFT	- -	ATS	11/22/96	0.300	U	MG/GN	V
97-ATX69-254	CELL 1074 1ST LIFT	- -	ATS	11/22/96	0.300	U	MG/GN	V
97-ATX69-255	CELL 1075 1ST LIFT	- -	ATS	11/22/96	0.588		MG/GN	V
97-ATX69-256	CELL 1078 1ST LIFT	- -	ATS	11/22/96	0.300	U	MG/GN	V
97-BPL01-281N	METHOD BLANK	- -	ATS	11/21/96	0.300	U	MG/GN	V
97-BPL01-282N	METHOD BLANK	- -	ATS	11/21/96	0.300	U	MG/GN	V

DATE: 11/22/96

CASE NO: 50097 BATCH: E

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH E

FROM: ANDREA JINKA
CHIEF, LABO/ENSV

TO: CHIEF, EPBR/ENSV

SC02: DIONIN, 237B-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION	ANALYSIS			D UNITS	I %	V
				LAYER	LAB	DATE			
97-ATX69-211		SPLIT SPOON #14, 0-6"	- -	ATS	11/21/96	INVALID	MG/DM		
97-ATX69-212		SPLIT SPOON #15, 0-6"	- -	ATS	11/21/96	0.359	MG/DM	V	
97-ATX69-213		SPLIT SPOON #19, 0-6"	- -	ATS	11/21/96	INVALID	MG/DM		
97-ATX69-214		SPLIT SPOON #19, 6-12"	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-215		SPLIT SPOON #20, 0-6 "	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-216		SPLIT SPOON #20, 6-12"	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-217		SPLIT SPOON #20, 12-18"	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-218		SPLIT SPOON #20, 18-24"	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-219		SPLIT SPOON #21, 0-6"	- -	ATS	11/21/96	INVALID	MG/DM		
97-ATX69-220		SPLIT SPOON #21, 6-12"	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-221		SPLIT SPOON #22, 0-6 "	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-222		SPLIT SPOON #22, 6-12"	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-223		SPLIT SPOON #23, 0-6 "	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-224		SPLIT SPOON #23, 6-12"	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-225		SPLIT SPOON #24, 0-6 "	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-226		SPLIT SPOON #24, 6-12"	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-227		SPLIT SPOON #25, 0-6 "	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-228		SPLIT SPOON #25, 6-12"	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-229		SPLIT SPOON #26, 0-6 "	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-230		SPLIT SPOON #27, 0-6 "	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-231		CELL 922 1ST LIFT	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-232		CELL 899 1ST LIFT	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-233		CELL 900 1ST LIFT	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-234		CELL 901 1ST LIFT	- -	ATS	11/21/96	1.36	MG/DM	V	
97-ATX69-235		CELL 939 1ST LIFT	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-236		CELL 940 1ST LIFT	- -	ATS	11/21/96	1.04	MG/DM	V	
97-ATX69-237		CELL 956 1ST LIFT	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-238		CELL 1070 1ST LIFT	- -	ATS	11/21/96	0.300	MG/DM	V	
97-ATX69-239		CELL 1105 1ST LIFT	- -	ATS	11/22/96	0.300	MG/DM	V	
97-ATX69-240		CELL 1149 1ST LIFT	- -	ATS	11/22/96	0.300	MG/DM	V	
97-ATX69-241		CELL 1150 1ST LIFT	- -	ATS	11/22/96	0.300	MG/DM	V	

DATE: 11/22/96

CASE NO: 50097 BATCH: 0

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH 0

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPW/ENSV

SOC2: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

EPA SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS	D	Y	
			LAYER	LAB	DATE	CONCENTRATION	D UNITS	C
97-ATX69-203		SPLIT SPOON #12, 0-6"	- -	ATB	11/20/96	0.300	U	MG/GM V
97-ATX69-204		SPLIT SPOON #12, 6-12"	- -	ATB	11/20/96	0.300	U	MG/GM V
97-ATX69-205		SPLIT SPOON #13, 0-6 "	- -	ATB	11/21/96	0.300	U	MG/GM V
97-ATX69-206		SPLIT SPOON #13, 6-12"	- -	ATB	11/21/96	0.300	U	MG/GM V
97-ATX69-207		SPLIT SPOON #16, 0-6 "	- -	ATB	11/21/96	0.300	U	MG/GM V
97-ATX69-208		SPLIT SPOON #17, 0-6 "	- -	ATB	11/21/96	0.300	U	MG/GM V
97-ATX69-209		SPLIT SPOON #17, 6-12"	- -	ATB	11/21/96	0.300	U	MG/GM V
97-ATX69-210		SPLIT SPOON #18, 0-6 "	- -	ATB	11/21/96	0.300	U	MG/GM V
97-BPL01-273M		METHOD BLANK	- -	ATB	11/20/96	0.300	U	MG/GM V
97-BPL01-274M		METHOD BLANK	- -	ATB	11/20/96	0.300	U	MG/GM V
97-BPL01-275M		METHOD BLANK	- -	ATB	11/21/96	0.300	U	MG/GM V
97-BPL01-280M		METHOD BLANK	- -	ATB	11/21/96	0.300	U	MG/GM V

DATE: 11/22/96

CASE NO: 50097 BATCH D

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH D

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EPA/ENV

SOD2: DICKIN, 2370-TETRACHLOROBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE NUMBER	SITE		D UNITS	I C	V
			SECTION	ANALYSIS			
			LAYER	LAB	DATE	CONCENTRATION	
97-ATX69-173	CELL 168, 1ST LIFT		-	ATS	11/21/96	0.694	UG/GR V
97-ATX69-174	CELL 124, 2ND LIFT		-	ATS	11/21/96	INVALID	UG/GR
97-ATX69-175	CELL 125, 1ST LIFT		-	ATS	11/21/96	INVALID	UG/GR
97-ATX69-176	CELL 132, 2ND LIFT		-	ATS	11/20/96	0.300	U NG/GR V
97-ATX69-177	CELL 133, 1ST LIFT		-	ATS	11/20/96	0.300	U NG/GR V
97-ATX69-178	CELL 141, 1ST LIFT		-	ATS	11/21/96	INVALID	UG/GR
97-ATX69-179	CELL 465, 2ND LIFT		-	ATS	11/20/96	0.300	U NG/GR V
97-ATX69-180	SPLIT SPOON #1, 0-6"		-	ATS	11/20/96	1.52	UG/GR V
97-ATX69-181	SPLIT SPOON #1, 6-12"		-	ATS	11/20/96	5.34	UG/GR V
97-ATX69-182	SPLIT SPOON #2, 0-6 "		-	ATS	11/20/96	1.75	UG/GR V
97-ATX69-183	SPLIT SPOON #2, 6-12"		-	ATS	11/21/96	INVALID	UG/GR
97-ATX69-184	SPLIT SPOON #3, 0-6 "		-	ATS	11/21/96	1.37	UG/GR V
97-ATX69-185	SPLIT SPOON #3, 6-12"		-	ATS	11/20/96	6.73	UG/GR V
97-ATX69-186	SPLIT SPOON #4, 0-6 "		-	ATS	11/21/96	3.89	UG/GR V
97-ATX69-187	SPLIT SPOON #4, 6-12"		-	ATS	11/21/96	6.90	UG/GR V
97-ATX69-188	SPLIT SPOON #5, 0-6 "		-	ATS	11/21/96	6.51	UG/GR V
97-ATX69-189	SPLIT SPOON #5, 6-12"		-	ATS	11/21/96	2.33	UG/GR V
97-ATX69-190	SPLIT SPOON #6, 0-6 "		-	ATS	11/21/96	1.19	UG/GR V
97-ATX69-191	SPLIT SPOON #7, 0-6 "		-	ATS	11/21/96	1.74	UG/GR V
97-ATX69-192	SPLIT SPOON #7, 6-12"		-	ATS	11/21/96	3.38	UG/GR V
97-ATX69-193	SPLIT SPOON #8, 0-6 "		-	ATS	11/21/96	1.82	UG/GR V
97-ATX69-194	SPLIT SPOON #8, 6-12"		-	ATS	11/21/96	3.14	UG/GR V
97-ATX69-195	SPLIT SPOON #9, 0-6 "		-	ATS	11/20/96	0.867	UG/GR V
97-ATX69-196	SPLIT SPOON #9, 6-12"		-	ATS	11/21/96	INVALID	UG/GR
97-ATX69-197	SPLIT SPOON #10, 0-6"		-	ATS	11/20/96	1.76	UG/GR V
97-ATX69-198	SPLIT SPOON #10, 6-12"		-	ATS	11/20/96	0.312	UG/GR V
97-ATX69-199	SPLIT SPOON #11, 0-6 "		-	ATS	11/21/96	2.65	UG/GR V
97-ATX69-200	SPLIT SPOON #11, 6-12"		-	ATS	11/21/96	0.300	U NG/GR V
97-ATX69-201F	FIELD BLANK AUDIT		-	ATS	11/20/96	0.300	U NG/GR V
97-ATX69-202P	PERFORMANCE EVALUATION AUDIT SAMPLE		-	ATS	11/20/96	1.57	UG/GR V
97-ATX69-202T	TRUE VALUE FK AUDIT SAMPLE		-	ATS	11/20/96	1.90	UG/GR V

11/21/96

CASE NO: 50007 BATCH: 0

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50007 BATCH 0

FROM: ANDREA JINKA
CHIEF, LABO/EMSV

TO: CHIEF, EPER/EMSV

SD02: DIOXIN, 2578-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SD# NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D I UNITS C		
			SECTION	LAYER	LAB	ANALYSIS		
97-ATX6P-173		CELL 165, 1ST LIFT	-	-	ATB	11/20/96	INVALID	NG/GN
97-ATX6P-174		CELL 124, 2ND LIFT	-	-	ATB	11/20/96	INVALID	NG/GN
97-ATX6P-175		CELL 125, 1ST LIFT	-	-	ATB	11/20/96	INVALID	NG/GN
97-ATX6P-176		CELL 132, 2ND LIFT	-	-	ATB	11/20/96	0.300	U NG/GN V
97-ATX6P-177		CELL 133, 1ST LIFT	-	-	ATB	11/20/96	0.300	U NG/GN V
97-ATX6P-178		CELL 141, 1ST LIFT	-	-	ATB	11/20/96	INVALID	NG/GN
97-ATX6P-179		CELL 465, 2ND LIFT	-	-	ATB	11/20/96	0.300	U NG/GN V
97-ATX6P-180		SPLIT SPOON #1, 0-6"	-	-	ATB	11/20/96	1.52	NG/GN V
97-ATX6P-181		SPLIT SPOON #1, 6-12"	-	-	ATB	11/20/96	1.34	NG/GN V
97-ATX6P-182		SPLIT SPOON #2, 0-6 "	-	-	ATB	11/20/96	1.75	NG/GN V
97-ATX6P-183		SPLIT SPOON #2, 6-12"	-	-	ATB	11/20/96	INVALID	NG/GN
97-ATX6P-184		SPLIT SPOON #3, 0-6 "	-	-	ATB	11/20/96	INVALID	NG/GN
97-ATX6P-185		SPLIT SPOON #3, 6-12"	-	-	ATB	11/20/96	4.73	NG/GN V
97-ATX6P-186		SPLIT SPOON #4, 0-6 "	-	-	ATB	11/21/96	3.89	NG/GN V
97-ATX6P-187		SPLIT SPOON #4, 6-12"	-	-	ATB	11/21/96	6.90	NG/GN V
97-ATX6P-188		SPLIT SPOON #5, 0-6 "	-	-	ATB	11/21/96	6.51	NG/GN V
97-ATX6P-189		SPLIT SPOON #5, 6-12"	-	-	ATB	11/21/96	2.33	NG/GN V
97-ATX6P-190		SPLIT SPOON #6, 0-6 "	-	-	ATB	11/21/96	1.19	NG/GN V
97-ATX6P-191		SPLIT SPOON #7, 0-6 "	-	-	ATB	11/21/96	1.74	NG/GN V
97-ATX6P-192		SPLIT SPOON #7, 6-12"	-	-	ATB	11/21/96	3.38	NG/GN V
97-ATX6P-193		SPLIT SPOON #8, 0-6 "	-	-	ATB	11/21/96	1.82	NG/GN V
97-ATX6P-194		SPLIT SPOON #8, 6-12"	-	-	ATB	11/21/96	3.14	NG/GN V
97-ATX6P-195		SPLIT SPOON #9, 0-6 "	-	-	ATB	11/20/96	0.947	NG/GN V
97-ATX6P-196		SPLIT SPOON #9, 6-12"	-	-	ATB	11/20/96	INVALID	NG/GN
97-ATX6P-197		SPLIT SPOON #10, 0-6"	-	-	ATB	11/20/96	1.76	NG/GN V
97-ATX6P-198		SPLIT SPOON #10, 6-12"	-	-	ATB	11/20/96	0.312	NG/GN V
97-ATX6P-199		SPLIT SPOON #11, 0-6 "	-	-	ATB	11/20/96	INVALID	NG/GN
97-ATX6P-200		SPLIT SPOON #11, 6-12"	-	-	ATB	11/20/96	INVALID	NG/GN
97-ATX6P-201P		FIELD BLANK AUDIT	-	-	ATB	11/20/96	0.300	U NG/GN V
97-ATX6P-202P		PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATB	11/20/96	1.37	NG/GN V
97-ATX6P-202T		TRUE VALUE PE AUDIT SAMPLE	-	-	ATB	11/20/96	1.90	NG/GN V

CASE NO: 50097 BATCH: D

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH D

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EPER/ENVY

SOC2: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SMD NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE		ANALYSIS	D					
			SECTION	LAYER		LAB	DATE	CONCENTRATION	D	UNITS	C
97-ATX69-203		SPLIT SPOON #12, 0-6"	-	-	ATB	11/20/96	0.300		U	MG/GW	V
97-ATX69-204		SPLIT SPOON #12, 6-12"	-	-	ATB	11/20/96	0.300		U	MG/GW	V
97-ATX69-205		SPLIT SPOON #13, 0-6 "	-	-	ATB	11/21/96	0.300		U	MG/GW	V
97-ATX69-206		SPLIT SPOON #13, 6-12"	-	-	ATB	11/21/96	0.300		U	MG/GW	V
97-ATX69-207		SPLIT SPOON #16, 0-6 "	-	-	ATB	11/21/96	0.300		U	MG/GW	V
97-ATX69-208		SPLIT SPOON #17, 0-6 "	-	-	ATB	11/21/96	0.300		U	MG/GW	V
97-ATX69-209		SPLIT SPOON #17, 6-12"	-	-	ATB	11/21/96	0.300		U	MG/GW	V
97-ATX69-210		SPLIT SPOON #18, 0-6 "	-	-	ATB	11/21/96	0.300		U	MG/GW	V
97-BPL01-273N		METHOD BLANK	-	-	ATB	11/20/96	0.300		U	MG/GW	V
97-BPL01-274N		METHOD BLANK	-	-	ATB	11/20/96	0.300		U	MG/GW	V

DATE: 11/21/96

CASE NO: 50097 BATCH: C

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&M/ENSV

SUBJ: DICKIN, 2378-TETRACHLOROBENZENE-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	ANALYSIS	D	I	V
			SECTION		CONCENTRATION		
			LAYER	LAB	DATE	UNITS	C
97-ATX69-160	CELL 90	1ST LIFT	- -	ATB	11/20/96	0.300	U NG/GN V
97-ATX69-161	CELL 107	1ST LIFT	- -	ATB	11/20/96	0.300	U NG/GN V
97-ATX69-162	CELL 131	1ST LIFT	- -	ATB	11/19/96	0.300	U NG/GN V
97-ATX69-163	CELL 155	1ST LIFT	- -	ATB	11/19/96	0.300	U NG/GN V
97-ATX69-164	CELL 159	1ST LIFT	- -	ATB	11/19/96	0.300	U NG/GN V
97-ATX69-165	CELL 160	1ST LIFT	- -	ATB	11/19/96	0.926	NG/GN V
97-ATX69-166	CELL 163	1ST LIFT	- -	ATB	11/19/96	0.439	NG/GN V
97-ATX69-167	CELL 719	1ST LIFT	- -	ATB	11/20/96	0.300	U NG/GN V
97-ATX69-168	CELL 742	1ST LIFT	- -	ATB	11/19/96	0.300	U NG/GN V
97-ATX69-169	CELL 780	1ST LIFT	- -	ATB	11/19/96	5.48	NG/GN V
97-ATX69-170	CELL 832	1ST LIFT	- -	ATB	11/19/96	0.300	U NG/GN V
97-ATX69-171	CELL 893	1ST LIFT	- -	ATB	11/19/96	0.300	U NG/GN V
97-ATX69-172	CELL 162	1ST LIFT	- -	ATB	11/19/96	0.300	U NG/GN V
97-BPL01-269N	METHOD BLANK		- -	ATB	11/19/96	0.300	U NG/GN V
97-BPL01-270N	METHOD BLANK		- -	ATB	11/19/96	0.300	U NG/GN V
97-BPL01-271N	METHOD BLANK		- -	ATB	11/20/96	0.300	U NG/GN V
97-BPL01-272N	METHOD BLANK		- -	ATB	11/20/96	0.300	U NG/GN V

DATE: 11/20/96

CASE NO: 50097 BATCH: A

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

SD02: DIOXIN, 237B-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS	D	V		
			LAYER	LAB	DATE	CONCENTRATION	D	UNITS	C
97-ATX69-137	CELL 508	1ST LIFT	-	ATS	11/18/96	2.00	U	NG/GM	V
97-ATX69-138	CELL 509	1ST LIFT	-	ATS	11/18/96	0.324	U	NG/GM	V
97-ATX69-139	CELL 534	1ST LIFT	-	ATS	11/19/96	0.300	U	NG/GM	V
97-ATX69-140	CELL 535	1ST LIFT	-	ATS	11/19/96	0.300	U	NG/GM	V
97-ATX69-141	CELL 537	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-142	CELL 81	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-143	CELL 85	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-144	CELL 89	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-145	CELL 92	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-146	CELL 96	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-147	CELL 99	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-148	CELL 450	1ST LIFT	-	ATS	11/18/96	0.612	U	NG/GM	V
97-ATX69-149	CELL 465	1ST LIFT	-	ATS	11/18/96	13.1	U	NG/GM	V
97-ATX69-150	CELL 466	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-151	CELL 59	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-152	CELL 116	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-153	CELL 124	1ST LIFT	-	ATS	11/18/96	2.71	U	NG/GM	V
97-ATX69-154	CELL 132	1ST LIFT	-	ATS	11/18/96	1.23	U	NG/GM	V
97-ATX69-155	CELL 103B	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-156	CELL 1086	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-157	CELL 71	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-158P	BLANK FIELD AUDIT		-	ATS	11/18/96	0.300	U	NG/GM	V
97-ATX69-159P	PERFORMANCE EVALUATION AUDIT SAMPLE		-	ATS	11/18/96	5.03	U	NG/GM	V
97-ATX69-159T	TRUE VALUE PE AUDIT SAMPLE		-	ATS	11/18/96	5.40	U	NG/GM	V
97-BPL01-263N	METHOD BLANK		-	ATS	11/18/96	0.300	U	NG/GM	V
97-BPL01-266N	METHOD BLANK		-	ATS	11/19/96	0.300	U	NG/GM	V
97-BPL01-267N	METHOD BLANK		-	ATS	11/19/96	0.300	U	NG/GM	V

DATE: 11/20/96

CASE NO: 50097 BATCH: A

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPAR/ENSV

SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SITE SECTION LAYER	LAB	ANALYSIS DATE	D CONCENTRATION	UNITS	V C
97-ATX69-137	CELL 508 1ST LIFT	- -	ATS	11/18/96	2.05	NG/GN	V
97-ATX69-138	CELL 509 1ST LIFT	- -	ATS	11/18/96	0.324	NG/GN	V
97-ATX69-139	CELL 534 1ST LIFT	- -	ATS	11/19/96	0.300	U	NG/GN V
97-ATX69-140	CELL 535 1ST LIFT	- -	ATS	11/19/96	0.300	U	NG/GN V
97-ATX69-161	CELL 537 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-142	CELL 81 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-143	CELL 85 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-144	CELL 89 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-145	CELL 92 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-146	CELL 96 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-147	CELL 99 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-148	CELL 450 1ST LIFT	- -	ATS	11/18/96	0.612	NG/GN	V
97-ATX69-149	CELL 465 1ST LIFT	- -	ATS	11/18/96	13.1	NG/GN	V
97-ATX69-150	CELL 466 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-151	CELL 59 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-152	CELL 116 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-153	CELL 124 1ST LIFT	- -	ATS	11/18/96	2.71	NG/GN	V
97-ATX69-154	CELL 132 1ST LIFT	- -	ATS	11/18/96	1.23	NG/GN	V
97-ATX69-155	CELL 103B 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-156	CELL 1086 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-157	CELL 71 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-158P	BLANK FIELD AUDIT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-159P	PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATS	11/18/96	3.03	NG/GN	V
97-ATX69-159T	TRUE VALUE PE AUDIT SAMPLE	- -	ATS	11/18/96	5.40	NG/GN	V
97-BPL01-263M	METHOD BLANK	- -	ATS	11/18/96	0.300	U	NG/GN
97-BPL01-266M	METHOD BLANK	- -	ATS	11/19/96	0.300	U	NG/GN V
97-BPL01-267M	METHOD BLANK	- -	ATS	11/19/96	0.300	U	NG/GN V

DATE: 11/20/96

CASE NO: 50097 BATCH: C

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPER/ENSV

SDQ2: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SMO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE SECTION	ANALYSIS		D UNITS	V
			LAYER	LAB	DATE		
97-ATX69-160	CELL	90 1ST LIFT	- -	ATS	11/19/96	INVALID	NG/GN
97-ATX69-161	CELL	107 1ST LIFT	- -	ATS	11/19/96	INVALID	NG/GN
97-ATX69-162	CELL	131 1ST LIFT	- -	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-163	CELL	155 1ST LIFT	- -	ATS	11/19/96	INVALID	NG/GN
97-ATX69-164	CELL	159 1ST LIFT	- -	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-165	CELL	160 1ST LIFT	- -	ATS	11/19/96	0.439	NG/GN V
97-ATX69-166	CELL	163 1ST LIFT	- -	ATS	11/19/96	0.926	NG/GN V
97-ATX69-167	CELL	719 1ST LIFT	- -	ATS	11/19/96	INVALID	NG/GN
97-ATX69-168	CELL	762 1ST LIFT	- -	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-169	CELL	780 1ST LIFT	- -	ATS	11/19/96	5.48	NG/GN V
97-ATX69-170	CELL	852 1ST LIFT	- -	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-171	CELL	893 1ST LIFT	- -	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-172	CELL	162 1ST LIFT	- -	ATS	11/19/96	0.300	U NG/GN V
97-BPL01-269M	METHOD BLANK		- -	ATS	11/19/96	0.300	U NG/GN V
97-BPL01-27DM	METHOD BLANK		- -	ATS	11/19/96	0.300	U NG/GN V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

5002: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SND NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS	D	I	V
			LATER	LAB	DATE	CONCENTRATION	Q	UNITS
97-ATX69-160	CELL	90 1ST LIFT	-	-	ATS	11/19/96	INVALID	NG/GN
97-ATX69-161	CELL	107 1ST LIFT	-	-	ATS	11/19/96	INVALID	NG/GN
97-ATX69-162	CELL	131 1ST LIFT	-	-	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-163	CELL	155 1ST LIFT	-	-	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-164	CELL	159 1ST LIFT	-	-	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-165	CELL	160 1ST LIFT	-	-	ATS	11/19/96	0.926	NG/GN V
97-ATX69-166	CELL	163 1ST LIFT	-	-	ATS	11/19/96	0.639	NG/GN V
97-ATX69-167	CELL	719 1ST LIFT	-	-	ATS	11/19/96	INVALID	NG/GN
97-ATX69-168	CELL	742 1ST LIFT	-	-	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-169	CELL	780 1ST LIFT	-	-	ATS	11/19/96	5.48	NG/GN V
97-ATX69-170	CELL	852 1ST LIFT	-	-	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-171	CELL	893 1ST LIFT	-	-	ATS	11/19/96	0.300	U NG/GN V
97-ATX69-172	CELL	162 1ST LIFT	-	-	ATS	11/19/96	0.300	U NG/GN V
97-BPL01-269M	METHOD BLANK		-	-	ATS	11/19/96	0.300	U NG/GN V
97-BPL01-270M	METHOD BLANK		-	-	ATS	11/19/96	0.300	U NG/GN V

BATCH 11/20/96

CASE NO: 50097 BATCH: A

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

SD02: DIOXIN, 2370-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SMD NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE			D I C
			SECTION	LAYER	ANALYSIS LAB DATE	
97-ATX69-137		CELL 508 1ST LIFT	- -	ATS	11/18/96 2.05	NG/GN V
97-ATX69-138		CELL 509 1ST LIFT	- -	ATS	11/18/96 0.324	NG/GN V
97-ATX69-139		CELL 534 1ST LIFT	- -	ATS	11/19/96 0.300	U NG/GN V
97-ATX69-140		CELL 535 1ST LIFT	- -	ATS	11/19/96 0.300	U NG/GN V
97-ATX69-141		CELL 537 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-142		CELL 81 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-143		CELL 85 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-144		CELL 89 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-145		CELL 92 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-146		CELL 96 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-147		CELL 99 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-148		CELL 450 1ST LIFT	- -	ATS	11/18/96 0.612	NG/GN V
97-ATX69-149		CELL 465 1ST LIFT	- -	ATS	11/18/96 13.1	NG/GN V
97-ATX69-150		CELL 466 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-151		CELL 59 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-152		CELL 116 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-153		CELL 124 1ST LIFT	- -	ATS	11/18/96 2.71	NG/GN V
97-ATX69-154		CELL 132 1ST LIFT	- -	ATS	11/18/96 1.23	NG/GN V
97-ATX69-155		CELL 1038 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-156		CELL 1086 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-157		CELL 71 1ST LIFT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-158		BLANK FIELD AUDIT	- -	ATS	11/18/96 0.300	U NG/GN V
97-ATX69-159P		PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATS	11/18/96 5.03	NG/GN V
97-ATX69-159T		TRUE VALUE PE AUDIT SAMPLE	- -	ATS	11/18/96 5.40	NG/GN V
97-BPL01-263M		METHOD BLANK	- -	ATS	11/18/96 0.300	U NG/GN V
97-BPL01-266M		METHOD BLANK	- -	ATS	11/19/96 0.300	U NG/GN V
97-BPL01-267M		METHOD BLANK	- -	ATS	11/19/96 0.300	U NG/GN V

DATE: 11/20/96

CASE NO: 50097 BATCH: A

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

S002: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	EPA SITE SECTION	ANALYSIS			D UNITS C	
			LAYER	LAB	DATE	CONCENTRATION	I
97-ATX69-137	CELL 508 1ST LIFT	- -	ATS	11/18/96	2.05	NG/GN	V
97-ATX69-138	CELL 509 1ST LIFT	- -	ATS	11/18/96	0.324	NG/GN	V
97-ATX69-139	CELL 534 1ST LIFT	- -	ATS	11/19/96	0.300	U	NG/GN V
97-ATX69-140	CELL 535 1ST LIFT	- -	ATS	11/19/96	0.300	U	NG/GN V
97-ATX69-141	CELL 537 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-142	CELL 81 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-143	CELL 85 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-144	CELL 89 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-145	CELL 92 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-146	CELL 96 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-147	CELL 99 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-148	CELL 650 1ST LIFT	- -	ATS	11/18/96	0.612	NG/GN	V
97-ATX69-149	CELL 465 1ST LIFT	- -	ATS	11/18/96	13.1	NG/GN	V
97-ATX69-150	CELL 466 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-151	CELL 59 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-152	CELL 116 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-153	CELL 124 1ST LIFT	- -	ATS	11/18/96	2.71	NG/GN	V
97-ATX69-154	CELL 132 1ST LIFT	- -	ATS	11/18/96	1.23	NG/GN	V
97-ATX69-155	CELL 1038 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-156	CELL 1086 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-157	CELL 71 1ST LIFT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-158F	BLANK FIELD AUDIT	- -	ATS	11/18/96	0.300	U	NG/GN V
97-ATX69-159P	PERFORMANCE EVALUATION AUDIT SAMPLE	- -	ATS	11/18/96	5.05	NG/GN	V
97-ATX69-159T	TRUE VALUE PE AUDIT SAMPLE	- -	ATS	11/18/96	5.40	NG/GN	V
97-BPL01-263W	METHOD BLANK	- -	ATS	11/18/96	0.300	U	NG/GN
97-BPL01-266W	METHOD BLANK	- -	ATS	11/19/96	0.300	U	NG/GN V
97-BPL01-267W	METHOD BLANK	- -	ATS	11/19/96	0.300	U	NG/GN V

DATE: 11/20/96

CASE NO: 50097 BATCH: C

PAGE 1

MEMORANDUM**SUBJECT:** TRANSMITTAL REPORT FOR CASE 50097 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABD/ENSV

TO: CHIEF, EPR/ENSV

**SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS**

SMD NUMBER	EPA SAMPLE NUMBER	SITE SECTION SAMPLE DESCRIPTION	ANALYSIS			D I UNITS C	
			LAYER	LAB	DATE		
97-ATX69-160	CELL 90	1ST LIFT	-	ATS	11/19/96	INVALID	MG/GN
97-ATX69-161	CELL 107	1ST LIFT	-	ATS	11/19/96	INVALID	MG/GN
97-ATX69-162	CELL 131	1ST LIFT	-	ATS	11/19/96	0.300	U MG/GN V
97-ATX69-163	CELL 155	1ST LIFT	-	ATS	11/19/96	INVALID	MG/GN
97-ATX69-164	CELL 159	1ST LIFT	-	ATS	11/19/96	0.300	U MG/GN V
97-ATX69-165	CELL 160	1ST LIFT	-	ATS	11/19/96	0.439	MG/GN V
97-ATX69-166	CELL 163	1ST LIFT	-	ATS	11/19/96	0.926	MG/GN V
97-ATX69-167	CELL 719	1ST LIFT	-	ATS	11/19/96	INVALID	MG/GN
97-ATX69-168	CELL 742	1ST LIFT	-	ATS	11/19/96	0.300	U MG/GN V
97-ATX69-169	CELL 780	1ST LIFT	-	ATS	11/19/96	3.48	MG/GN V
97-ATX69-170	CELL 852	1ST LIFT	-	ATS	11/19/96	0.300	U MG/GN V
97-ATX69-171	CELL 893	1ST LIFT	-	ATS	11/19/96	0.300	U MG/GN V
97-ATX69-172	CELL 162	1ST LIFT	-	ATS	11/19/96	0.300	U MG/GN V
97-BPL01-269M	METHOD BLANK		-	ATS	11/19/96	0.300	U MG/GN V
97-BPL01-270M	METHOD BLANK		-	ATS	11/19/96	0.300	U MG/GN V

DATE: 11/20/96

CASE NO: 50097 BATCH: 8

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH 8

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPER/ENSV

ADD1: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SMO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE	ANALYSIS			D	I UNITS C
			SECTION	LAB	DATE	CONCENTRATION		
			LAYER					
97-BPL01-268M	METHOD BLANK	- -	ATS	11/19/96	1.00		U	PG/KS V
97-CTX69-011	SC-1	- -	ATS	11/19/96	1.03		U	PG/KS V
97-CTX69-012	SC-2	- -	ATS	11/19/96	1.04		U	PG/KS V
97-CTX69-013	SC-4	- -	ATS	11/19/96	0.911		U	PG/KS V
97-CTX69-014	SC-5	- -	ATS	11/19/96	0.893		U	PG/KS V
97-CTX69-015	SC-8	- -	ATS	11/19/96	0.904		U	PG/KS V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPER/ENSV

SDG2: DIONEX, 2370-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SMD NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS		D	I	V
			LAYER	LAB	DATE	CONCENTRATION	D	UNITS	C
97-ATX69-137	CELL 508	1ST LIFT	-	ATS	11/18/96	2.05		NG/GR	V
97-ATX69-138	CELL 509	1ST LIFT	-	ATS	11/18/96	0.324		NG/GR	V
97-ATX69-139	CELL 534	1ST LIFT	-	ATS	11/18/96	INVALID		NG/GR	
97-ATX69-140	CELL 535	1ST LIFT	-	ATS	11/18/96	INVALID		NG/GR	
97-ATX69-141	CELL 537	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-142	CELL 81	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-143	CELL 85	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-144	CELL 89	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-145	CELL 92	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-146	CELL 96	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-147	CELL 99	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-148	CELL 450	1ST LIFT	-	ATS	11/18/96	0.612		NG/GR	V
97-ATX69-149	CELL 465	1ST LIFT	-	ATS	11/18/96	13.1		NG/GR	V
97-ATX69-150	CELL 466	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-151	CELL 59	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-152	CELL 116	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-153	CELL 124	1ST LIFT	-	ATS	11/18/96	2.71		NG/GR	V
97-ATX69-154	CELL 132	1ST LIFT	-	ATS	11/18/96	1.23		NG/GR	V
97-ATX69-155	CELL 1038	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-156	CELL 1065	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-157	CELL 71	1ST LIFT	-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-158F	BLANK FIELD AUDIT		-	ATS	11/18/96	0.300	U	NG/GR	V
97-ATX69-159P	PERFORMANCE EVALUATION AUDIT SAMPLE		-	ATS	11/18/96	5.03		NG/GR	V
97-ATX69-159T	TRUE VALUE PE AUDIT SAMPLE		-	ATS	11/18/96	5.40		NG/GR	V
97-BPL01-263M	METHOD BLANK		-	ATS	11/18/96	0.300	U	NG/GR	

DATE: 11/18/96

CASE NO: 50093 BATCH: K

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH K

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPR/ENSV

SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA NUMBER	SAMPLE DESCRIPTION	SITE SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION D	UNITS I	UNITS V
	97-BPL01-262N	METHOD BLANK	- -	ATB	11/17/96	0.300	U	MG/GM V

DATE: 11/18/96 9

CASE NO: 50093 BATCH: K

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH K

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CKJEF, EP&R/ENSV

SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D UNITS	I C	V		
				SECTION	LAYER	LAB	ANALYSIS	DATE	CONCENTRATION		
97-ATX69-108		CELL 1102	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-109		CELL 1115	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-110		CELL 1116	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-111		CELL 1117	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-112		CELL 1118	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-113		CELL 1119	1ST LIFT	1119		ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-114		CELL 64	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-115		CELL 68	1ST LIFT	-	-	ATS	11/17/96	0.638		NG/GM V	
97-ATX69-116		CELL 72	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-117		CELL 73	1ST LIFT	-	-	ATS	11/17/96	0.551		NG/GM V	
97-ATX69-118		CELL 76	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-119		CELL 81	1ST LIFT	-	-	ATS	11/17/96	1.10		NG/GM V	
97-ATX69-120		CELL 85	1ST LIFT	-	-	ATS	11/17/96	2.56		NG/GM V	
97-ATX69-121		CELL 545	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-122		CELL 546	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-123		CELL 547	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-124		CELL 548	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-125		CELL 549	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-126		CELL 560	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-127		CELL 569	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-128F		FIELD BLANK		-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-129P		PERFORMANCE EVALUATION AUDIT SAMPLE			-	-	ATS	11/17/96	1.69	NG/GM V	
97-ATX69-129T		TRUE VALUE PE AUDIT SAMPLE			-	-	ATS	11/17/96	1.71	NG/GM V	
97-ATX69-130		CELL 89	1ST LIFT	-	-	ATS	11/17/96	2.14		NG/GM V	
97-ATX69-131		CELL 488	1ST LIFT	486		-	-	ATS	11/17/96	0.300	U NG/GM V
97-ATX69-132		CELL 500	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-133		CELL 513	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-134		CELL 526	1ST LIFT	-	-	ATS	11/17/96	0.741		NG/GM V	
97-ATX69-135		CELL 80	1ST LIFT	-	-	ATS	11/17/96	0.300	U	NG/GM V	
97-ATX69-136		CELL 117	1ST LIFT	-	-	ATS	11/17/96	0.636		NG/GM V	
97-BPL01-263W		METHOD BLANK			-	-	ATS	11/17/96	0.300	U NG/GM V	

DATE: 11/18/96

CASE NO: 50093 BATCH: N

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH N

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

SD02: DICKIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS	D	I	V
			LAYER	LAB	DATE	CONCENTRATION	D UNITS	C
97-ATX69-097		CELL 1104 1ST LIFT	- -	ATS	11/16/96	0.300	U	MG/GM V
97-ATX69-098		CELL 1125 1ST LIFT	- -	ATS	11/15/96	0.300	U	MG/GM V
97-ATX69-099		CELL 1141 1ST LIFT	- -	ATS	11/16/96	0.300	U	MG/GM V
97-ATX69-100		CELL 1144 1ST LIFT	- -	ATS	11/15/96	0.300	U	MG/GM V
97-ATX69-101		CELL 1145 1ST LIFT	- -	ATS	11/16/96	0.300	U	MG/GM V
97-ATX69-102		CELL 1154 1ST LIFT	- -	ATS	11/16/96	0.300	U	MG/GM V
97-ATX69-103		CELL 1156 1ST LIFT	- -	ATS	11/16/96	0.300	U	MG/GM V
97-ATX69-104		CELL 1159 1ST LIFT	- -	ATS	11/16/96	0.300	U	MG/GM V
97-ATX69-105		CELL 1164 1ST LIFT	- -	ATS	11/16/96	0.300	U	MG/GM V
97-ATX69-106		CELL 1165 1ST LIFT	- -	ATS	11/16/96	0.300	U	MG/GM V
97-ATX69-107		CELL 1166 1ST LIFT	- -	ATS	11/16/96	0.300	U	MG/GM V
97-BPL01-250M		METHOD BLANK	- -	ATS	11/15/96	0.300	U	MG/GM V

2006

LAB: AIA
CASE: 50053 BATCH: N
INSTRUMENT ID: F
TRANSMITTER: A DATE: 11/16/96

L1/OC/MG FINAL DATA REPORT

FILE RECEIVED DATE: 1/1
2014

SHD SAMPLE #	SPA SAMPLE #	ANALYSIS DATE	RATIO TIME	320/322	RATIO 337/334	SURROGATE ACC	PCDD CONE.	PCDF CODE	VALID CODE	UNITS	COMMENTS
ATX69099	ATX69099	11/16/96	0055	0.73	0.78	97.38	0.300	U		ng/GH	1141
ATX69102	ATX69101	11/16/96	0109	0.69*	0.79	96.71	0.300	U		ng/GH	1145
ATX69102	ATX69103	11/16/96	0123	0.73	0.78	97.19	0.300	U		ng/GH	1154
ATX69103	ATX69103	11/16/96	0137	0.80	0.78	97.15	0.300	U		ng/GH	1156
ATX69104	ATX69104	11/16/96	0151	0.85	0.79	97.11	0.300	U		ng/GH	1159
ATX69105	ATX69105	11/16/96	0205	0.74	0.78	97.68	0.300	U		ng/GH	1164
ATX69106	ATX69106	11/16/96	0220	0.88	0.78	96.93	0.300	U		ng/GH	1165
ATX69107	ATX69107	11/16/96	0305	0.82	0.78	95.97	0.300	U		ng/GH	1166
ATX69097	ATX69097	11/16/96	0252	0.68	0.78	98.92	0.300	U		ng/GH	1104

QUALIFICATION FLAG:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
 - ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
 - *** SIGN DETECTION LIMIT
 - † SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

GMO QUALITY CONTROL SAMPLE CODES:

- P DRAFT DUE TO PERFORMANCE SAMPLE
Q REQUESTED DRAFT
R AUTOMATIC DRAFT

SPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
M METHOD BLANK
F FIELD BLANK
S SPike
P PERFORMANCE EVALUATION SAMPLE

20A REGULATORY CODES

- ## A AUTOMATIC REWIND

11/16/96 / SAT 03:37 FAX 314 434 0080

ATAS

+++ USEPA REG VII

LAB: ATB
CASE: 50093 BATCH: B
INSTRUMENT ID: B
TRANSMISSION: A DATE: 11/16/96

IR/GC/MS THERMAL DATA REPORT

FILE RECEIVED DATE: / /
TIME:

SNO	EPA SAMPLE #	ANALYSIS DATE	RATIO TIME	RATIO 320/322	RATIO 312/314	SURROGATE ACC	TCD CONC.	REFID CODE	VALID CODE	OKIDS CODE	COMMENTS
	METH BLK	11/15/96	1905	1.00*	0.98	112.91	0.300 U		00/0K		
	ATZ69100	11/15/96	2035	0.72	0.98	115.08	0.300 U		00/0K	11 44	
	ATZ69098	11/15/96	2238	19.3*	0.69	94.17	0.300 U		00/0K	11 25	

QUALIFICATION FLAGS:

- * 320/322 OR 312/314 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT OF SURROGATE OR INTERNAL STD

SHO QUALITY CONTROL SAMPLE CODES:

- P REFID DUE TO PERFORMANCE SAMPLE
- R REQUESTED REFID
- A AUTOMATIC REFID

SPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA REFID CODES:

- A AUTOMATIC REFID

11/16/96

ATB

11/10/99 SAT 03:43 PAX 314 434 0080

AT&T

USEPA NEG VII

2026

LED: A19
CASE: 99991 BATCH: 0
INSTRUMENT ID: 0
TRANSMISSION: A DATE: 11/13/95

LR/GC/M8 FINAL DATA REPORT

FILE RECEIVED DATE: / /
TIME:

SID	LEPA	ANALYSIS	DATE	TIME	320/372	332/314	SERROGATE	PEND.	RETRN	VALID	QC113	COMMENTS
SAMPLE #	SAMPLE #						ACC	CONC.	CODE	CODE		
ABTA 00X	ABTA 00M		11/15/96	1745	1.75 ^a	0.89	100.00	0.400 U			PG/CM2	
ABTA6950	ABTA6950		11/15/96	1830	11.1 ^a	0.89	102.46	0.400 T			PG/CM2	

COLLUSIONARY PLATE:

- * 320/312 OR 332/314 RATIO OUTSIDE OF ACCEPTABLE RANGE
** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
*** HIGH DETECTION LIMIT
† SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

SMD QUALITY CONTROL SAMPLE CODES:

- P RETURN DUE TO PERFORMANCE SAMPLE
Q REQUESTED PERIOD
R AUTOMATIC REPORT

SPA QUALITY CONTROL SAMPLE CODE:

- D DUPLICATE SAMPLE
K MEASURED BLANK
F FIELD BLANK
S SPIKE
P PERFORMANCE EVALUATION SAMPLE

YER, REVER COOKS:

- ### A AUTOMATIC REPOS

11/15/94

JGHC

DATE: 11/15/96

CASE NO: 50093 BATCH: F

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH F

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPER/ENSV

SDG2: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SNO NUMBER	EPA		SAMPLE DESCRIPTION
	SITE SECTION	LATER	
97-ATX69-087	CELL 169	1ST LIFT	
97-ATX69-088	CELL 369	1ST LIFT	
97-ATX69-089	CELL 437	1ST LIFT	
97-ATX69-090	CELL 1146	1ST LIFT	
97-ATX69-091	CELL 1147	1ST LIFT	
97-ATX69-092	CELL 1157	1ST LIFT	
97-ATX69-093	CELL 1158	1ST LIFT	
97-ATX69-094	CELL 1163	1ST LIFT	
97-ATX69-095F	FIELD BLANK		
97-ATX69-096P	PERFORMANCE EVALUATION AUDIT SAMPLE		
97-ATX69-096T	TRUE VALUE PE AUDIT SAMPLE		
97-8PL01-248M	METHOD BLANK		

SITE SECTION	ANALYSIS			DPP UNITS	C
	LATER	LAB	DATE		
- -	ATS	11/14/96	1.96	NG/GN	V
- -	ATS	11/14/96	0.300	U	NG/ON Y
- -	ATS	11/14/96	0.300	U	NG/ON V
- -	ATS	11/14/96	0.300	U	NG/ON Y
- -	ATS	11/14/96	0.300	U	NG/ON Y
- -	ATS	11/14/96	0.300	U	NG/ON Y
- -	ATS	11/14/96	0.300	U	NG/ON Y
- -	ATS	11/14/96	6.77	NG/ON	V
- -	ATS	11/14/96	0.300	U	NG/ON V
- -	ATS	11/14/96	7.88	NG/ON	V
- -	ATS	11/14/96	8.28	NG/ON	V
- -	ATS	11/14/96	0.300	U	NG/ON V

DATE: 11/14/96

CASE NO: 50093 BATCH: 8

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH 8

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPBR/ENSV

S002: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SMO NUMBER	EPA NUMBER	SAMPLE DESCRIPTION
97-ATX69-041		CELL 226 1ST LIFT
97-ATX69-042		CELL 237 1ST LIFT
97-ATX69-043		CELL 251 1ST LIFT
97-ATX69-044		CELL 259 1ST LIFT
97-ATX69-045		CELL 278 1ST LIFT
97-ATX69-046		CELL 280 1ST LIFT
97-ATX69-047		CELL 293 1ST LIFT
97-ATX69-048		CELL 294 1ST LIFT
97-ATX69-049		CELL 295 1ST LIFT
97-ATX69-050		CELL 301 2ND LIFT
97-ATX69-051		CELL 321 2ND LIFT
97-ATX69-052		CELL 406 1ST LIFT
97-ATX69-053		CELL 419 2ND LIFT
97-ATX69-054		CELL 421 1ST LIFT
97-ATX69-055		CELL 424 1ST LIFT
97-ATX69-056		CELL 387 1ST LIFT
97-ATX69-057		CELL 388 1ST LIFT
97-ATX69-058		CELL 224 1ST LIFT
97-BPL01-223M		METHOD BLANK
97-BPL01-226M		METHOD BLANK
97-BPL01-234M		METHOD BLANK

SECTION	SITE	ANALYSIS	D		
LAB	LAYER	DATE	I	V	
			CONCENTRATION	UNITS	C
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/13/96	0.316	NG/GN V
-	-	ATS	11/11/96	0.300	NG/GN V
-	-	ATS	11/11/96	0.389	NG/GN V
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/12/96	0.300	U NG/GN V
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/11/96	3.68	NG/GN V
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/11/96	5.69	NG/GN V
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/11/96	2.39	NG/GN V
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/11/96	12.6	NG/GN V
-	-	ATS	11/12/96	0.300	U NG/GN V
-	-	ATS	11/11/96	0.300	U NG/GN V
-	-	ATS	11/12/96	0.300	U NG/GN V
-	-	ATS	11/13/96	0.300	U NG/GN V

CASE NO: 50093 BATCH: D

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH D

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EP&R/ENV

S002: DICLIN, 2370-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D I C		
			SECTION	LAB	ANALYSIS DATE	CONCENTRATION	UNITS	
97-ATX69-059	CELL 173	1ST LIFT	-	-	ATS 11/12/96	0.300	U	NG/GN V
97-ATX69-060	CELL 183	1ST LIFT	-	-	ATS 11/13/96	0.300	U	NG/GN V
97-ATX69-061	CELL 201	1ST LIFT	-	-	ATS 11/12/96	0.300	U	NG/GN V
97-ATX69-062	CELL 208	1ST LIFT	-	-	ATS 11/12/96	0.530	U	NG/GN V
97-ATX69-063	CELL 219	1ST LIFT	-	-	ATS 11/12/96	0.300	U	NG/GN V
97-ATX69-064	CELL 232	1ST LIFT	-	-	ATS 11/12/96	0.300	U	NG/GN V
97-ATX69-065	CELL 233	1ST LIFT	-	-	ATS 11/12/96	0.300	U	NG/GN V
97-ATX69-066	CELL 246	1ST LIFT	-	-	ATS 11/13/96	0.300	U	NG/GN V
97-ATX69-067	CELL 308	2ND LIFT	-	-	ATS 11/12/96	0.300	U	NG/GN V
97-ATX69-068	CELL 417	1ST LIFT	-	-	ATS 11/12/96	2.12	U	NG/GN V
97-ATX69-069	CELL 418	1ST LIFT	-	-	ATS 11/12/96	9.30	U	NG/GN V
97-ATX69-070	CELL 432	1ST LIFT	-	-	ATS 11/13/96	0.300	U	NG/GN V
97-ATX69-071	CELL 433	1ST LIFT	-	-	ATS 11/12/96	9.76	U	NG/GN V
97-ATX69-072	CELL 434	1ST LIFT	-	-	ATS 11/12/96	2.76	U	NG/GN V
97-ATX69-073	CELL 469	1ST LIFT	-	-	ATS 11/12/96	1.41	U	NG/GN V
97-BPL01-227N	METHOD BLANK		-	-	ATS 11/12/96	0.300	U	NG/GN V
97-BPL01-235N	METHOD BLANK		-	-	ATS 11/13/96	0.300	U	NG/GN V

DRAFT/PUBLIC

CASE NO: 50093 BATCH: E

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH E

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

SPO2: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	EPA NUMBER	SITE		CONCENTRATION	D UNITS	I C	V		
			SECTION	LAB					ANALYSIS	
									LAYER	DATE
97-ATX69-074	CELL 168 FIRST LIFT 6"	DEEP	-	-	ATS 11/13/96 0.300		U	NG/GM	V	
97-ATX69-075	CELL 189 FIRST LIFT 6"	DEEP	-	-	ATS 11/13/96 0.300		U	NG/GM	V	
97-ATX69-076	CELL 479 FIRST LIFT 6"	DEEP	-	-	ATS 11/13/96 0.427			NG/GM	V	
97-ATX69-077	CELL 480 FIRST LIFT 6"	DEEP	-	-	ATS 11/13/96 0.300		U	NG/GM	V	
97-ATX69-078	CELL 181 FIRST LIFT 6"	DEEP	-	-	ATS 11/13/96 0.300		U	NG/GM	V	
97-ATX69-079	CELL 312 FIRST LIFT 6"	DEEP	-	-	ATS 11/13/96 0.738			NG/GM	V	
97-ATX69-080	CELL 313 FIRST LIFT 6"	DEEP	-	-	ATS 11/13/96 0.300		U	NG/GM	V	
97-ATX69-081	CELL 332 FIRST LIFT 6"	DEEP	-	-	ATS 11/13/96 0.395			NG/GM	V	
97-ATX69-082	CELL 333 FIRST LIFT 6"	DEEP	-	-	ATS 11/13/96 0.612			NG/GM	V	
97-ATX69-083	CELL 334 FIRST LIFT 6"	DEEP	-	-	ATS 11/13/96 0.300		U	NG/GM	V	
97-ATX69-084	CELL 342 FIRST LIFT 12"	DEEP	-	-	ATS 11/13/96 0.300		U	NG/GM	V	
438 → 97-ATX69-085	CELL 338 FIRST LIFT 12"	DEEP	-	-	ATS 11/13/96 0.300		U	NG/GM	V	
97-ATX69-086	CELL 402 FIRST LIFT 12"	DEEP	-	-	ATS 11/13/96 6.16			NG/GM	V	
97-BPL01-237H	METHOD BLANK		-	-	ATS 11/13/96 0.300		U	NG/GM	V	

DATE: 11/13/96

CASE NO: 50093 BATCH: D

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH D

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EPA/ENVY

9002: DIOXIN, 2378-TETRACHLORODIBENZ-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE		CONCENTRATION	D UNITS	I C	V		
			SECTION	LAB	ANALYSIS					
					LAYER	DATE				
97-ATX69-059	CELL 173 1ST LIFT		-	-	ATB	11/12/96	0.300	U HQ/GM V		
97-ATX69-060	CELL 183 1ST LIFT		-	-	ATB	11/12/96	INVALID	HQ/GM		
97-ATX69-061	CELL 201 1ST LIFT		-	-	ATB	11/12/96	0.300	U HQ/GM V		
97-ATX69-062	CELL 208 1ST LIFT		-	-	ATB	11/12/96	0.530	HQ/GM V		
97-ATX69-063	CELL 219 1ST LIFT		-	-	ATB	11/12/96	0.300	U HQ/GM V		
97-ATX69-064	CELL 232 1ST LIFT		-	-	ATB	11/12/96	0.300	U HQ/GM V		
97-ATX69-065	CELL 233 1ST LIFT		-	-	ATB	11/12/96	0.300	U HQ/GM V		
97-ATX69-066	CELL 248 1ST LIFT		-	-	ATB	11/12/96	INVALID	HQ/GM		
97-ATX69-067	CELL 388 2ND LIFT		-	-	ATB	11/12/96	0.300	U HQ/GM V		
97-ATX69-068	CELL 417 1ST LIFT		-	-	ATB	11/12/96	2.12	HQ/GM V		
97-ATX69-069	CELL 418 1ST LIFT		-	-	ATB	11/12/96	9.30	HQ/GM V		
97-ATX69-070	CELL 432 1ST LIFT		-	-	ATB	11/12/96	INVALID	HQ/GM		
97-ATX69-071	CELL 433 1ST LIFT		-	-	ATB	11/12/96	9.76	HQ/GM V		
97-ATX69-072	CELL 434 1ST LIFT		-	-	ATB	11/12/96	2.76	HQ/GM V		
97-ATX69-073	CELL 449 1ST LIFT		-	-	ATB	11/12/96	1.41	HQ/GM V		
97-BP1D1-227W	METHOD BLANK		-	-	ATB	11/12/96	0.300	U HQ/GM V		

DATE: 11/13/96

CASE NO: 50089 BATCH: 8

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50089 BATCH 8

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPMR/ENSV

2002: DIOXIN, 2578-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION	ANALYSIS			D I UNITS C
				LAYER	LAB	DATE	
97-ATK69-018	CELL 272 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-019	CELL 287 1ST LIFT		- -	ATB	11/10/96	0.300	U NG/ON V
97-ATK69-020	CELL 288 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-021	CELL 290 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-022	CELL 306 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-023	CELL 317 1ST LIFT		- -	ATB	11/09/96	0.787	NG/ON V
97-ATK69-024	CELL 419 1ST LIFT		- -	ATB	11/09/96	12.9	NG/ON V
97-ATK69-025	CELL 435 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-026	CELL 436 1ST LIFT		- -	ATB	11/09/96	1.36	NG/ON V
97-ATK69-027	CELL 451 1ST LIFT		- -	ATB	11/09/96	1.34	NG/ON V
97-ATK69-028	CELL 452 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-929P	PERFORMANCE EVALUATION AUDIT SAMPLE		- -	ATB	11/09/96	3.11	NG/ON V
97-ATK69-029T	TRUE VALUE PE AUDIT SAMPLE		- -	ATB	11/09/96	3.16	NG/ON V
97-ATK69-030P	FIELD BLANK		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-031	CELL 274 1ST LIFT		- -	ATB	11/09/96	0.704	NG/ON V
97-ATK69-032	CELL 276 1ST LIFT		- -	ATB	11/09/96	0.335	NG/ON V
97-ATK69-033	CELL 291 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-034	CELL 292 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-035	CELL 308 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-036	CELL 319 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-037	CELL 320 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-038	CELL 321 1ST LIFT		- -	ATB	11/09/96	1.12	NG/ON V
97-ATK69-039	CELL 328 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-ATK69-040	CELL 330 1ST LIFT		- -	ATB	11/09/96	0.300	U NG/ON V
97-BPL01-212H	METHOD BLANK		- -	ATB	11/09/96	0.300	U NG/ON V
97-BPL01-213H	METHOD BLANK		- -	ATB	11/09/96	0.300	U NG/ON V
97-BPL01-219H	METHOD BLANK		- -	ATB	11/10/96	0.300	U NG/ON V

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50069 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EP&R/ENVY

SD02: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID
REPORTED ON A NET WEIGHT BASIS

SDO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	ANALYSIS			D I U UNITS C	
			SECTION	LAYER	LAB	DATE		
97-ATX69-001		CELL 187 1ST LIFT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-002		CELL 195 1ST LIFT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-003		CELL 196 1ST LIFT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-004		CELL 216 1ST LIFT	-	-	ATB	11/11/96	0.442	NG/ER V
97-ATX69-005		CELL 228 1ST LIFT	-	-	ATB	11/11/96	0.300	U NG/GN V
97-ATX69-006		CELL 229 1ST LIFT	-	-	ATB	11/08/96	0.698	NG/GN V
97-ATX69-007		CELL 241 1ST LIFT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-008F		FIELD BLANK AUDIT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-009P		PERFORMANCE EVALUATION AUDIT	-	-	ATB	11/08/96	3.07	NG/GN V
97-ATX69-009T		TRUE VALUE OF THE PE AUDIT	-	-	ATB	11/08/96	3.16	NG/GN V
97-ATX69-010		CELL 255 1ST LIFT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-011		CELL 256 1ST LIFT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-012		CELL 270 1ST LIFT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-013		CELL 285 1ST LIFT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-014		CELL 301 1ST LIFT	-	-	ATB	11/08/96	4.66	NG/GN V
97-ATX69-015		CELL 303 1ST LIFT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-G16		CELL 304 1ST LIFT	-	-	ATB	11/08/96	0.300	U NG/GN V
97-ATX69-017		CELL 236 1ST LIFT	-	-	ATB	11/08/96	0.946	NG/GN V
97-BPL01-207M		METHOD BLANK	-	-	ATB	11/08/96	0.300	U NG/GN V
97-BPL01-211M		METHOD BLANK	-	-	ATB	11/09/96	0.300	U NG/GN V
97-BPL01-224M		METHOD BLANK	-	-	ATB	11/13/96	0.300	U NG/GN V

DATE: 11/13/96

CASE NO: 50093 BATCH: B

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH B

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPAR/ENV

SD02: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID
REPORTED ON A WET WEIGHT BASIS

BNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	SECTION	ANALYSTS	D	I	V
			LAYER					
97-ATX69-041		CELL 226 1ST LIFT	-	-	ATS	11/11/96	0.300	U NG/OM V
97-ATX69-042		CELL 237 1ST LIFT	-	-	ATS	11/12/96	INVALID	NG/OM
97-ATX69-043		CELL 251 1ST LIFT	-	-	ATS	11/11/96	0.300	NG/OM V
97-ATX69-044		CELL 259 1ST LIFT	-	-	ATS	11/11/96	0.389	NG/OM V
97-ATX69-045		CELL 278 1ST LIFT	-	-	ATS	11/11/96	0.300	NG/OM V
97-ATX69-046		CELL 280 1ST LIFT	-	-	ATS	11/11/96	0.300	NG/OM V
97-ATX69-047		CELL 293 1ST LIFT	-	-	ATS	11/11/96	0.300	NG/OM V
97-ATX69-048		CELL 294 1ST LIFT	-	-	ATS	11/12/96	0.300	NG/OM V
97-ATX69-049		CELL 295 1ST LIFT	-	-	ATS	11/11/96	0.300	NG/OM V
97-ATX69-050		CELL 301 2ND LIFT	-	-	ATS	11/11/96	3.68	NG/OM V
97-ATX69-051		CELL 321 2ND LIFT	-	-	ATS	11/11/96	0.300	NG/OM V
97-ATX69-052		CELL 406 1ST LIFT	-	-	ATS	11/11/96	0.300	NG/OM V
97-ATX69-053		CELL 419 2ND LIFT	-	-	ATS	11/11/96	5.69	NG/OM V
97-ATX69-054		CELL 421 1ST LIFT	-	-	ATS	11/11/96	0.300	NG/OM V
97-ATX69-055		CELL 424 1ST LIFT	-	-	ATS	11/11/96	2.30	NG/OM V
97-ATX69-056		CELL 387 1ST LIFT	-	-	ATS	11/11/96	0.300	NG/OM V
97-ATX69-057		CELL 388 1ST LIFT	-	-	ATS	11/11/96	12.6	NG/OM V
97-ATX69-058		CELL 224 1ST LIFT	-	-	ATS	11/12/96	0.300	NG/OM V
97-SPL01-223H	METHOD BLANK		-	-	ATS	11/11/96	0.300	NG/OM V
97-SPL01-226H	METHOD BLANK		-	-	ATS	11/12/96	0.300	NG/OM V

LAB: ATB
CASE: 30098 BATCH: 8
INSTRUMENT ID: 8
TRANSMISSION: A DATE: 11/12/96

LR/DC/MS FINAL DATA REPORT

FILE RECEIVED DATE: 11/12/96

TIME: 0746

SHD SAMPLE #	EPA SAMPLE #	ANALYSIS		RATIO 320/322	RATIO 332/334	SUBROGATE ACC	TCOD CONC.	RERUN CODE	VALID CODE	UNITS	COMMENTS
		DATE	TIME								
ATX69041	ATX69041	11/11/96	2248	0.85	0.86	99.16	0.300 U	V	HQ/EN		
ATX69042	ATX69042	11/11/96	2303	0.62*	0.83	82.82		A	I	HQ/EN	HIGH DETECTION LIMIT
ATX69043	ATX69043	11/11/96	2318	0.22*	0.81	95.74	0.300 U	V	HQ/EN		
ATX69044	ATX69044	11/11/96	2333	0.61	0.87	97.35	0.300 U		V	HQ/EN	
ATX69048	ATX69048	11/12/96	0011	9.94*	0.97*	89.70		A	I	HQ/EN	320/322 + 332/334 RATIO OUT
ATX69058	ATX69058	11/12/96	0038	0.59*	0.84	117.08	0.300 U	V	HQ/EN		

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SUBROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT ON SUBROGATE OR INTERNAL STD

SHD QUALITY CONTROL SAMPLE CODES:

- P RERUN DUE TO PERFORMANCE SAMPLE
- Q REQUESTED RERUN
- R AUTOMATIC RERUN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METROBLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA RERUN CODES:

- R AUTOMATIC RERUN

LAB: ATB
CASE: 50093 BATCH: B
INSTRUMENT ID: F
TRANSMISSION: A DATE: 11/12/96

LR/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: 11/12/96
TIME: 0445

SNO	EPA	ANALYSIS	RATIO	RATIO	SURROGATE	TCDD	RERUN	VALID	UNITS	COMMENTS
SAMPLE #	SAMPLE #	DATE	TIME	320/322	332/334	ACC	CONC.	CODE	CODE	
170	METH BLK	METH BLIN	11/11/96	1718	0.39*	0.78	94.27	0.300 U	V	NG/GR
180	ATX69045	ATX69043	11/11/96	2038	1.23*	0.70	106.46	0.300 U	V	NG/GR
193	ATX69046	ATX69046	11/11/96	2052	2.54*	0.78	104.14	0.300 U	V	NG/GR
205	ATX69047	ATX69047	11/11/96	2106	1.71*	0.79	100.73	0.300 U	V	NG/GR
213	ATX69049	ATX69049	11/11/96	2135	0.72	0.79	99.26	0.300 U	V	RG/GR
215	ATX69050	ATX69050	11/11/96	2149	0.78	0.78	104.26	3.675	V	NG/GR
220	ATX69051	ATX69051	11/11/96	2203	2.76*	0.78	98.16	0.300 U	V	NG/GR
221	ATX69052	ATX69052	11/11/96	2217	2.34*	0.78	104.64	0.300 U	V	NG/GR
223	ATX69053	ATX69053	11/11/96	2231	0.77	0.77	94.17	5.691	V	NG/GR
224	ATX69054	ATX69054	11/11/96	2245	0.68	0.79	97.01	0.300 U	V	NG/GR
225	ATX69055	ATX69053	11/11/96	2300	0.82	0.78	97.85	2.301	V	NG/GR
226	ATX69056	ATX69056	11/11/96	2314	0.67*	0.78	93.53	0.300 U	V	NG/GR
227	ATX69057	ATX69057	11/11/96	2328	0.77	0.77	102.63	12.627	V	NG/GR

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

SNO QUALITY CONTROL SAMPLE CODES:

- F RERUN DUE TO PERFORMANCE SAMPLE
- G REQUESTED RERUN
- R AUTOMATIC RERUN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METROBLANK
- F FIELD BLANK
- S SPINE
- P PERFORMANCE EVALUATION SAMPLE

EPA RERUN CODES:

- A AUTOMATIC RERUN

LAB: ATS
CASE: 90089 BATCH: A
INSTRUMENT ID: 6
TRANSMISSION: B DATE: 11/12/96

IR/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: 11/12/96

TIME: 0146

SHD SAMPLE #	EPA SAMPLE #	ANALYSIS DATE	RATIO 320/322	RATIO 332/334	SURROGATE ACC	TCDD CONC.	RERUN CODE	VALID CODE	UNITS	COMMENTS
METH BLK	METH BLON	11/11/96	2048	1.02*	0.89	99.90	0.300 U	V	NG/OM	SPLO1224R
ATX69004 R	ATX69006	11/11/96	2103	0.77	0.87	98.81	0.442--	V	NG/OM	
ATX69005 R	ATX69005	11/11/96	2118	0.81	0.87	100.64	0.300 U	V	NG/OM	

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

SHD QUALITY CONTROL SAMPLE CODES:

- P RERUN DUE TO PERFORMANCE SAMPLE
- R REQUESTED RERUN
- R AUTOMATIC RERUN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA RERUN CODES:

- A AUTOMATIC RERUN

LAB: AT&T
CARRI: 500000 SATCH: B
INSTRUMENT ID: 0
TRANSMISSION: A DATE: 11/10/96

L2/GC/MS FINAL DATA REPORT

FILE RECEIVED-DATE: 11/10/96
TIME: 0005

STO SAMPLE #	EPA SAMPLE #	ANALYSIS DATE	RATIO 320/322	RATIO 332/334	SURROGATE ACC	TCDD CONC.	RERUN CODE	VALID CODE	UNITS	COMMENTS
ATX69010	ATX69010	11/09/96 1051	0.86	0.79	104.14	0.300 U		V	MG/GM	
ATX69020	ATX69020	11/09/96 1921	0.83	0.77	97.89	0.300 U		V	MG/GM	
ATX69021	ATX69021	11/09/96 1936	0.38*	0.78	98.21	0.300 U		V	MG/GM	
ATX69022	ATX69022	11/09/96 1951	0.34*	0.79	98.39	0.300 U		V	MG/GM	
ATX69023	ATX69023	11/09/96 2006	0.76	0.78	102.51	0.787		V	MG/GM	
ATX69024	ATX69024	11/09/96 2020	0.83	0.72	110.95	12.845		V	MG/GM	
ATX69026	ATX69026	11/09/96 2030	0.83	0.79	100.01	1.364		V	MG/GM	
ATX69027	ATX69027	11/09/96 2105	0.83	0.78	97.96	1.337		V	MG/GM	
ATX69028	ATX69028	11/09/96 2120	0.16*	0.78	100.11	0.300 U		V	MG/GM	
ATX69019	ATX69019	11/09/96 2344	1.34*	0.78	97.26	** A	I	V	MG/GM	HIGH DETECTION LIMIT
ATX69025	ATX69025	11/09/96 2035	0.90	0.85	91.76	0.300 U		V	MG/GM	

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

STD QUALITY CONTROL SAMPLE CODES:

- P RERUN DUE TO PERFORMANCE SAMPLE
- G REQUESTED RERUN
- R AUTOMATIC RERUN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA RERUN CODES:

- A AUTOMATIC RERUN

LAB: AT8
 CASE: 30080 BATCH: 8
 INSTRUMENT ID: A
 TRANSMISSION: A DATE: 11/10/96

LR/SC/M2 FINAL DATA REPORT

FILE RECEIVED DATE: 11/10/96
 TIME: 0054 -

END SAMPLE #	EPA SAMPLE #	ANALYSIS		RATIO 320/322	RATIO 332/334	SURROGATE ACC	TODD CONC.	RERUN CODE	VALID CODE	UNITS	COMMENTS
ATX69029	ATX69029	11/09/96	1920	0.75	0.81	118.48	3.107	V	NG/EN		
ATX69030	ATX69030	11/09/96	1940	1.21*	0.82	110.35	0.300 U	V	NG/EN		
ATX69031	ATX69031	11/09/96	2000	0.74	0.81	98.06	0.704	V	NG/EN		
ATX69032	ATX69032	11/09/96	2020	0.75	0.82	105.71	0.353	V	NG/EN		
ATX69033	ATX69033	11/09/96	2040	0.90	0.83	116.99	0.300 U	V	NG/EN		
ATX69034	ATX69034	11/09/96	2100	0.71	0.80	101.86	0.300 U	V	NG/EN		
ATX69035	ATX69035	11/09/96	2119	2.25*	0.81	109.07	0.300 U	V	NG/EN		
ATX69036	ATX69036	11/09/96	2139	1.01*	0.81	114.36	0.300 U	V	NG/EN		
ATX69037	ATX69037	11/09/96	2159	0.60*	0.80	109.30	0.300 U	V	NG/EN		

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- § SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

END QUALITY CONTROL SAMPLE CODES:

- P RERUN DUE TO PERFORMANCE SAMPLE
- G REQUESTED AGAIN
- R AUTOMATIC RERUN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- H METROBLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA RERUN CODES:

- A AUTOMATIC RERUN

LAB: AT&T
CASE: 50009 BATCH: 8
INSTRUMENT ID: F
TRANSMISSION: A DATE: 11/10/96

IR/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: 11/10/96
TIME: 0052

SNO	EPR	ANALYSIS	RATIO	RATIO	SURROGATE	TERO	RERUN	VALID	UNITS	COMMENTS
SAMPLE #	SAMPLE #	DATE	TIME	320/322	332/334	ACC	COND.	CODE	CODE	
METH BLK	METH BLCK	11/09/96	1700	1.24*	0.79	90.03	0.300 U	V	MG/GM	SPLO1212N
METH BLK	METH BLCK	11/09/96	1714	0.49**	0.78	90.63	0.300 U	V	MG/GM	SPLO1213N
ATX69038	ATX69038	11/09/96	2104	0.81	0.78	93.27	1.120	V	MG/GM	
ATX69039	ATX69039	11/09/96	2119	0.76	0.78	92.72	0.300 U	V	MG/GM	
ATX69040	ATX69040	11/09/96	2133	1.05*	0.78	88.24	0.300 U	V	MG/GM	

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

SNO QUALITY CONTROL SAMPLE CODES:

- P RERUN DUE TO PERFORMANCE SAMPLE
- Q REQUESTED RERUN
- R AUTOMATIC RERUN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- H METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA RERUN CODES:

- A AUTOMATIC RERUN

LAB: ATS

CASE: 50069 BATCH: A

INSTRUMENT ID: F

TRANSMISSION #: 8 DATE: 11/10/96

LR/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: 11/10/96

TIME: 0853

STD SAMPLE #	EPA SAMPLE #	ANALYSIS DATE	RATIO TIME	RATIO 320/322	RATIO 332/334	SURROGATE ADD	TODD CONC.	RERUN CODE	VALID CODE	UNITS	COMMENTS
METH BLK	METH BLK	11/09/96	1700	1.20 ^a	0.79	90.05	0.300 u		V	MG/GM	BPL01211W
ATX60004 R	ATX60004	11/09/96	1925	0.45 ^b	0.78	90.05		*** A	I	MG/GM	HIGH DETECTION LIMIT
ATX60005 R	ATX60005	11/09/96	1037	1.73 ^c	0.79	90.90		*** A	I	MG/GM	HIGH DETECTION LIMIT

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

STD QUALITY CONTROL SAMPLE CODES:

- P RERUN DUE TO PERFORMANCE SAMPLE
- Q REQUESTED RERUN
- R AUTOMATIC RERUN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- H METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA RERUN CODES:

- A AUTOMATIC RERUN

Digitized by srujanika@gmail.com

LAB: ATE
CASE: 50009 BATCH: B
INSTRUMENT ID: 8
TRANSMISSION: 5 DATE: 11/11/96

LA/06/MR FINAL DATA REPORT

FILE RECEIVED ON TIME - 11/19/2014

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END	EPA	ANALYSIS	RATIO	RATIO	SURROGATE	TCDD	REURN	VALID	UNITS	COMMENTS
SAMPLE #	SAMPLE #	DATE	TIME	320/322	332/334	ACC	CONC.	CODE	CODE	
ATK40010	ATK40010	11/10/98	1502	0.589	0.79	97.81	0.300	U	V	NG/GM

QUALIFICATION PLATES

- * 520/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
 - ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
 - *** HIGH DETECTION LIMIT
 - # SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

AND QUALITY CONTROL SAMPLE CODES:

- P RERUN DUE TO PERFORMANCE SAMPLE
Q REQUESTED RERUN
R AUTOMATIC RERUN

EPA QUALITY CONTROL SAMPLE CODES

- D DUPLICATE SAMPLE
W METHOD BLANK
F FIELD BLANK
S SPIKE
P PERFORMANCE EVALUATION SAMPLE

EPA READING CODES:

- ## A AUTOMATIC BERLIN

SENRI SHIAGI VA 161550PT01 1960.11.17.00 + 0.00MM

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LAB: ATB
CASE #: 50009 BATCH #: B
INSTRUMENT ID: F
TRANSMISSION: B DATE: 11/11/96

LR/OC/103 FINAL DATA REPORT

FILE RECEIVED DATE: 11/10/2018

SDN SAMPLE #	EPA SAMPLE #	ANALYSIS DATE	TIME	ratio 320/322	ratio 332/334	SURROGATE ACC	TCDD CONC.	REMARKS CODE	VALID CODE	UNITS	COMMENTS
METH BLK	METH BLKII	11/10/96	1521	1.80 ^a	0.82	93.13	0.300 μ	V	NQ/NM		BBL01219M

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
 - ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
 - *** HIGH DETECTION LIMIT
 - # SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

END QUALITY CONTROL SAMPLE CODES:

- P REURN DUE TO PERFORMANCE SAMPLE
 - G REQUESTED REURN
 - R AUTOMATIC REURN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
M METHOD BLANK
F FIELD BLANK
S SPIKE
P PERFORMANCE EVALUATION SAMPLE

EPA REGULATORY CODES

- #### **8 AUTOMATIC PREMUL**

LAB: ATS
CASE: 50889 BATCH: A
INSTRUMENT ID: F
TRANSMISSION: A DATE: 11/09/96

LI/CE/MS FINAL DATA REPORT

FILE RECEIVED-DATE: 11/08/96
TIME: 2353

SEQ SAMPLE #	EPA SAMPLE #	ANALYSIS DATE	RATIO 320/322	RATIO 332/334	SURROGATE ACC	TODD CONC.	RERUN CODE	VALID CODE	UNITS	COMMENTS
ATX69006	ATX69006	11/08/96 1916	0.70	0.80	89.60	0.490		V	MG/ML	
ATX69007	ATX69007	11/08/96 1930	0.70	0.80	86.83	0.300 U		V	MG/ML	
ATX69010	ATX69010	11/08/96 1944	1.11*	0.78	84.66	0.300 U		V	MG/ML	
ATX69011	ATX69011	11/08/96 1958	0.84	0.78	90.34	0.300 U		V	MG/ML	
ATX69012	ATX69012	11/08/96 2012	0.99*	0.78	89.15	0.300 U		V	MG/ML	
ATX69013	ATX69013	11/08/96 2027	0.81	0.78	89.19	0.300 U		V	MG/ML	
ATX69014	ATX69014	11/08/96 2041	0.77	0.79	88.61	6.661		V	MG/ML	cell 301
ATX69016	ATX69016	11/08/96 2109	0.82	0.77	84.60	0.300 U		V	MG/ML	
ATX69017	ATX69017	11/08/96 2123	0.76	0.79	96.24	0.946		V	MG/ML	
ATX69008	ATX69008	11/08/96 2137	0.78*	0.78	873.00**	400-A	I	MG/ML	HIGH DETECTION LIMIT	Cell 216

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- V SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

END QUALITY CONTROL SAMPLE CODES:

- P REURN DUE TO PERFORMANCE SAMPLE
- G REQUESTED REURN
- R AUTOMATIC REURN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- N RETEST BLANK
- F FIELD BLANK
- S SPike
- P PERFORMANCE EVALUATION SAMPLE

EPA REURN CODES:

- A AUTOMATIC REURN

LAB: AYS
CASE: 50009 BATCH: A
INSTRUMENT ID: B
TRANSMISSION: A DATE: 11/09/96

LR/66/TB FINAL DATA REPORT

PROBLEMS

END	END	ANALYSIS	RATIO	RATIO	SURROGATE	TCD	REFIN	VALID	UNITS	COMMENTS
SAMPLE #	SAMPLE #	DATE	TIME	320/332	332/334	ACC	CONC.	CODE	CODE	
MTR BLK	MTR SLRN	11/08/96	1844	1.00*	0.61	95.15	0.300	U	V	EQ/GN
ATX69008	ATX69008P	11/08/96	1928	0.56*	0.78	97.06	0.300	U	V	EQ/GN
ATX69009	ATX69009P	11/08/96	1943	0.78	0.79	96.47	3.067		V	EQ/GN
ATX69010	ATX69001	11/08/96	1958	0.84	0.79	95.84	0.300	U	V	EQ/GN
ATX69002	ATX69002	11/08/96	2012	0.75	0.79	101.22	0.300	U	V	EQ/GN
ATX69003	ATX69003	11/08/96	2027	0.74	0.79	98.26	0.300	U	V	EQ/GN
ATX69005	ATX69005	11/08/96	2158	0.59*	0.74	264.82**		A-1	I	EQ/GN
ATX69015	ATX69015	10/08/96	2205	0.78	0.79	95.02	0.300	U	V	EQ/GN

QUALIFICATION FLAMES

- 320/522 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
 - SURROGATE OUTSIDE OF ACCEPTABLE RANGE
 - > HIGH DETECTION LIMIT
 - * SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

100 QUALITY CONTROL SAMPLE CODES

- P REPAIR DUE TO PERFORMANCE SAMPLE
 - R REQUESTED REPAIR
 - A AUTOMATIC REPAIR

EPA QUALITY CONTROL SAMPLE COPIES

- D DUPLICATE SAMPLE**
 - M METHOD BLANK**
 - F FIELD BLANK**
 - S SPIKE**
 - P PERFORMANCE EVALUATION SAMPLE**

EPA RENW CONNS

- ## A AUTOMATIC REVIEW

DATE: 12/22/96

CASE NO: 50110 BATCH: E

PAGE 1

MEMO/PANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50110 BATCH E

FROM: ANDREA JIRKA
CNIEP, LABO/ENSV

TO: CNIEP, EPA/ENSV

ADD1: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE		CONCENTRATION - D	UNITS	C
			SECTION	LAYER			
97-BPL01-356N	METHOD BLANK	-	-	ATB	12/20/96	1.00	U PG/KG V
97-CTX69-050	SC-5 • FINAL RUN	-	-	ATB	12/20/96	INVALID	PG/KG
97-CTX69-051	SC-6 • FINAL RUN	-	-	ATB	12/20/96	0.915	U PG/KG V

DATE: 12/22/96

CASE NO: 50110 BATCH: B

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50110 BATCH B

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPB/ENV

ADD1: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS	D	I	V
			LAYER	LAB	DATE	CONCENTRATION	UNITS	C
97-BPL01-349W		METHOD BLANK	-	-	ATB	12/18/96	1.00	U PG/M3 V
97-BPL01-355W		METHOD BLANK	-	-	ATB	12/20/96	1.00	U PG/M3 V
97-CTX69-047		<u>SC-2 AT NORFOLK SOUTHERN BASEMENT</u>	-	-	ATB	12/20/96	0.893	U PG/M3 V
97-CTX69-048		SC-7	-	-	ATB	12/18/96	1.26	PG/M3 V
97-CTX69-049		<u>SC-8 MONITORING NS EXCAVATION</u>	-	-	ATB	12/20/96	0.913	U PG/M3 V

DATE: 12/16/96

CASE NO: 50105 BATCH: F

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH F

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPAR/ENV

ADD1: DICEDB, 2370-TETRACHLORODIBENZ-P, RAPID

SNO NUMBER	EPA		SAMPLE DESCRIPTION	SITE SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION	D		
	NUMBER	NAME						I	V	D
97-BPL01-332H	METHOD BLANK			- -	ATB	12/14/96	1.00	U	PG/RS	V
97-CTX69-038	SC-2			- -	ATB	12/14/96	0.902	U	PG/RS	V
97-CTX69-036	SC-5			- -	ATB	12/14/96	1.20	U	PG/RS	V
97-CTX69-037	SC-6			- -	ATB	12/14/96	0.938	U	PG/RS	V
97-CTX69-038	SC-7			- -	ATB	12/14/96	0.898	U	PG/RS	V
97-CTX69-039	SC-8			- -	ATB	12/14/96	0.930	U	PG/RS	V
97-CTX69-040	SC-2			- -	ATB	12/14/96	0.907	U	PG/RS	V
97-CTX69-041	SC-5			- -	ATB	12/14/96	0.890	U	PG/RS	V
97-CTX69-042	SC-6			- -	ATB	12/14/96	0.926	U	PG/RS	V
97-CTX69-043	SC-7			- -	ATB	12/14/96	0.935	U	PG/RS	V
97-CTX69-044	SC-8			- -	ATB	12/14/96	0.917	U	PG/RS	V
97-CTX69-045F	FIELD BLANK AUDIT			- -	ATB	12/14/96	1.00	U	PG/RS	V
97-CTX69-046P	PERFORMANCE EVALUATION AUDIT SAMPLE			- -	ATB	12/14/96	2.14	PG/RS		V
97-CTX69-046T	TRUE VALUE PC AUDIT SAMPLE			- -	ATB	12/14/96	2.00	PG/RS		V

SITE SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION	D	I	V
- -	ATB	12/14/96	0.902	U	PG/RS	V
- -	ATB	12/14/96	1.20	U	PG/RS	V
- -	ATB	12/14/96	0.938	U	PG/RS	V
- -	ATB	12/14/96	0.898	U	PG/RS	V
- -	ATB	12/14/96	0.930	U	PG/RS	V
- -	ATB	12/14/96	0.907	U	PG/RS	V
- -	ATB	12/14/96	0.890	U	PG/RS	V
- -	ATB	12/14/96	0.926	U	PG/RS	V
- -	ATB	12/14/96	0.935	U	PG/RS	V
- -	ATB	12/14/96	0.917	U	PG/RS	V
- -	ATB	12/14/96	1.00	U	PG/RS	V
- -	ATB	12/14/96	2.14	PG/RS		V
- -	ATB	12/14/96	2.00	PG/RS		V

SBD: ATS
CASE: 50163 BATCH: F
INSTRUMENT ID: F
TRANSMISSION: A DATE: 12/06/96

ES/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: / /
TIME:

SHG SAMPLE #	IPA SAMPLE #	ANALYSIS DATE	TIME	RATIO 320/322	RATIO 332/334	SURROGATE ACC	RCRD CODE	RERUN CODE	VALID CODE	VISITS	COMMENTS
CTK69026	CTK69028	12/06/96	1743	0.32*	0.79	96.51	0.834	8		PG/M3	
CTK69029	CTK69029	12/06/96	1723	0.69	0.80	94.68	0.847	0		PG/M3	
CTK69030	CTK69030	12/06/96	1738	5.11**	0.79	87.72	0.864	0		PG/M3	
CTK69031	CTK69031	12/06/96	1752	1.41*	0.79	92.03	0.926	0		PG/M3	
CTK69032	CTK69032	12/06/96	1906	0.29*	0.79	91.56	0.936	0		PG/M3	
CTK69033	CTK69033	12/06/96	1920	0.71	0.79	93.35	0.970	8		PG/M3	
CTK69034	CTK69034	12/06/96	1935	0.24*	0.79	92.53	0.981	0		PG/M3	

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- \$ SIGNAL TO NOISE RATIO OUT OF SURROGATE OR INTERNAL STD

SHG QUALITY CONTROL SAMPLE CODES:

- P RERUN DUE TO PERFORMANCE SAMPLE
- Q REQUESTED RERUN
- R AUTOMATIC RERUN

12/6/96

SPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METROG BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA RERUN CODES:

- A AUTOMATIC RERUN

JTC

CASE NO: 50099 BATCH: A

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50099 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPAR/ENSV

ADD1: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID

EPA			SITE	D			
SMO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SECTION LAYER	ANALYSIS LAB DATE	CONCENTRATION	D UNITS	V
97-BPL01-294W	METHOD BLANK		- -	ATS 11/26/96	1.00	U PG/RS	V
97-BPL01-294W	METHOD BLANK		- -	ATS 11/26/96	1.00	U PG/RS	V
97-BPL01-297W	METHOD BLANK		- -	ATS 11/27/96	1.00	U PG/RS	V
97-BPL01-297W	METHOD BLANK		- -	ATS 11/27/96	1.00	U PG/RS	V
97-CTX69-016	SC-1		- -	ATS 11/26/96	0.911	U PG/RS	V
97-CTX69-017	SC-2		- -	ATS 11/26/96	0.952	U PG/RS	V
97-CTX69-018	SC-4		- -	ATS 11/26/96	1.06	U PG/RS	V
97-CTX69-019	SC-5		- -	ATS 11/27/96	0.935	U PG/RS	V
97-CTX69-020	SC-8		- -	ATS 11/26/96	0.918	U PG/RS	V
97-CTX69-021	SC-2		- -	ATS 11/26/96	1.01	U PG/RS	V
97-CTX69-022	SC-5		- -	ATS 11/26/96	0.973	U PG/RS	V
97-CTX69-023	SC-6		- -	ATS 11/26/96	0.971	U PG/RS	V
97-CTX69-024	SC-7		- -	ATS 11/26/96	0.940	U PG/RS	V
97-CTX69-025	SC-8		- -	ATS 11/26/96	0.967	U PG/RS	V
97-CTX69-026F	BLANK		- -	ATS 11/26/96	1.00	U PG/RS	V
97-CTX69-027P	PERFORMANCE EVALUATION AUDIT SAMPLE		- -	ATS 11/26/96	4.12	PG/RS	V
97-CTX69-027T	TRUE VALUE PE AUDIT SAMPLE		- -	ATS 11/26/96	4.00	PG/RS	V

DATE: 11/20/96

CASE NO: 50097 BATCH: 8

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH 8

FROM: ANDREA JERKA
CHIEF, LABO/ENSV

TO: CHIEF, EPGR/ENSV

ADD1: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE	ANALYSIS	D			
			SECTION		LAYER	LAB	DATE	CONCENTRATION
-	-	-	ATB	11/19/96	1.00	U	PG/RS	V
97-CTX69-011	SC-1		-	-	1.03	U	PG/RS	V
97-CTX69-012	SC-2		-	-	1.04	U	PG/RS	V
97-CTX69-013	SC-4		-	-	0.911	U	PG/RS	V
97-CTX69-014	SC-5		-	-	0.933	U	PG/RS	V
97-CTX69-015	SC-8		-	-	0.904	U	PG/RS	V

~~DATA SHEET~~

CASE NO: 50093 BATCH: I

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH I

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EP&R/ENVY

ADDT: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	0						
			SECTION	ANALYSIS	I	V				
			LATER	LAB	DATE	CONCENTRATION	D	UNITS	C	
	97-8PL01-259W	METHOD BLANK	-	-	ATS	11/16/96	1.00	U	PPB/RS	V
	97-CTX69-010	SC-5	-	-	ATS	11/16/96	0.916	U	PPB/RS	V

[REDACTED] CASE NO: 50093 BATCH: 6

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH 6

FROM: ANDREA JINKA
CHIEF, LABO/ENV

TO: CHIEF, EP&R/ENV

ADD1: D10K1W, 2378-TETRACHLORODIBENZO-P, RAPID

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE	SECTION	ANALYSIS	D	I	V
			LAYER	LAB	DATE	CONCENTRATION	B	UNITS
97-IP101-257W		METHOD BLANK	-	-	ATB 11/15/96	1.00	U	P&R/RS V
97-CTX69-005	SC-2		-	-	ATB 11/15/96	0.987	U	P&R/RS V
97-CTX69-006	SC-3		-	-	ATB 11/15/96	0.992	U	P&R/RS V
97-CTX69-007	SC-4		-	-	ATB 11/15/96	0.947	U	P&R/RS V
97-CTX69-008F	SC-BLK		-	-	ATB 11/16/96	1.00	U	P&R/RS V
97-CTX69-009P	SC-PE		-	-	ATB 11/16/96	2.32	P&R/RS	V
97-CTX69-009T	SC-T		-	-	ATB 11/16/96	2.00	P&R/RS	V

~~CONFIDENTIAL~~ CASE NO: 50093 BATCH: C

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH C

FROM: ANDREA JIKA
CNETF, LARO/ENV

TO: CHIEF, EPA/ENV

ADD1: DIOXIN, 2379-TETRACHLORODIBENZO-P, RAPID

SNO NUMBER	EPA		SITE SECTION LAYER	ANALYSIS LAB	DATE	CONCENTRATION	D	E	V
	SAMPLE NUMBER	SAMPLE DESCRIPTION					D	E	V
							UNITS	C	
97-BPL01-2364	NETROD BLANK	-	-	AT&T	11/13/96	1.000	U	PG/13	V
97-CTX69-004	SC-3	-	-	AT&T	11/13/96	0.568	U	PG/13	V

[REDACTED] CASE NO: 50093 BATCH: A

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENV

TO: CHIEF, EPA/ENV

ADD1: DICKIN, 2375-TETRACHLOROBENZO-P, RAPID

SNO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE	ANALYSIS	D	I	V		
			SECTION LAYER		LAB			DATE	CONCENTRATION
97-BPL01-2288		METHOD BLANK	- -	ATB	11/12/96	1.00	U	PG/MS	V
97-CTX69-001	SC-2		- -	ATB	11/12/96	0.859	U	PG/MS	V
97-CTX69-002	SC-3		- -	ATB	11/12/96	0.904	U	PG/MS	V
97-CTX69-003	SC-4		- -	ATB	11/12/96	0.870	U	PG/MS	V



DIOXIN

TRANSMITTAL

TO: Mark Thomas/Joe Parrish

LOCATION: Southern Cross Lumber

FAX #: (314) 895-0632 **PHONE:** (314) 895-9915/9916

FROM: Peggy Cox

LOCATION: ManTech Environmental Technology, Inc.

FAX #: (913) 551-5243 **PHONE:** (913) 551-5105

— PAGES FOLLOW

COMMENTS:

11/16/96 DAT 03:40 PAX 314 434 0080

ATAS

*** USEPA REG VII

018

LAB: ATB
 CASE: 50011 BATCH: 0
 INSTRUMENT ID: F
 TRANSMISSION: A DATE: 11/16/96

LR/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: / /
 TIME:

SMO	RPA	ANALYSIS	RATIO	RATIO	SURROGATE	TCOD	RETRN	VALID	UNITS	COMMENTS
SAMPLIN #	SAMPLE #	DATE	TIME	320/322	333/334	ACC	CONC.	CODE	CODE	
CT269008	CT2690087	11/16/96	0012	0.84	0.77	111.65	1.000	U		P0/M3
CT269009	CT2690097	11/16/96	0026	0.80	0.78	118.82	2.325			P0/M3

QUALIFICATION FLAGS:

- * 320/322 OR 333/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** SIGN DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT OF SURROGATE OR INTERNAL STD

SMO QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA QUALITY CONTROL SAMPLE CODES:

- A AUTOMATIC RERUN

11/16/96
 JNC

DATE: 12/22/96

CASE NO: 50110 BATCH: E

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50110 BATCH E

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPER/ENSV

ADD1: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID

SMO NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE			CONCENTRATION	D	I	V	C
			SECTION	LAYER	LAB					
97-BPL01-358N		METHOC BLANK	-	-	ATS	12/20/96	1.00	U	PG/M3	V
97-CTX69-050		SC-5 - FINAL RUN	-	-	ATS	12/20/96	INVALID		PG/M3	
97-CTX69-051		SC-6 - FINAL RUN	-	-	ATS	12/20/96	0.915	U	PG/M3	V

DATE: 12/22/96

CASE NO: 50110 BATCH: 8

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50110 BATCH 8

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPAR/ENSV

ADD1: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SMO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION LAYER	ANALYSTS LAB	DATE	CONCENTRATION	D UNITS	I	V	C
	97-BPL01-349M	METHOD BLANK	- -	ATS	12/18/96	1.00	U	PG/M3	V	
	97-BPL01-355M	METHOD BLANK	- -	ATS	12/20/96	1.00	U	PG/M3	V	
	97-CTX69-047	<u>SC-2 AT NORFOLK SOUTHERN BASEMENT</u>	- -	ATS	12/20/96	0.893	U	PG/M3	V	
	97-CTX69-048	SC-7	- -	ATS	12/18/96	1.26		PG/M3	V	
	97-CTX69-049	<u>SC-8 MONITORING NS EXCAVATION</u>	- -	ATS	12/20/96	0.913	U	PG/M3	V	

DATE: 12/16/96

CASE NO: 50105 BATCH: F

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50105 BATCH F

FROM: ANDREA JIRIA
CHIEF, LABD/ENSV

TO: CHIEF, EPAR/ENSV

ADD1: DIOXIN, 237B-TETRACHLOROBENZO-P, RAPID

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE		ANALYST#	CONCENTRATION	D			
			SECTION	LAYER			LAB	DATE	I	V
		METHOD BLANK	-	-	ATB	12/14/96	1.00	U	PG/MS	V
	97-CTX69-035	SC-2	-	-	ATB	12/14/96	0.902	U	PG/MS	V
	97-CTX69-036	SC-3	-	-	ATB	12/14/96	1.20	U	PG/MS	V
	97-CTX69-037	SC-6	-	-	ATB	12/14/96	0.938	U	PG/MS	V
	97-CTX69-038	SC-7	-	-	ATB	12/14/96	0.898	U	PG/MS	Y
	97-CTX69-039	SC-8	-	-	ATB	12/14/96	0.930	U	PG/MS	V
	97-CTX69-040	SC-2	-	-	ATB	12/14/96	0.907	U	PG/MS	V
	97-CTX69-041	SC-5	-	-	ATB	12/14/96	0.890	U	PG/MS	V
	97-CTX69-042	SC-6	-	-	ATB	12/14/96	0.926	U	PG/MS	V
	97-CTX69-043	SC-7	-	-	ATB	12/14/96	0.935	U	PG/MS	V
	97-CTX69-044	SC-8	-	-	ATB	12/14/96	0.917	U	PG/MS	V
	97-CTX69-045F	FIELD BLANK AUDIT	-	-	ATB	12/14/96	1.00	U	PG/MS	V
	97-CTX69-046P	PERFORMANCE EVALUATION AUDIT SAMPLE	-	-	ATB	12/14/96	2.14		PG/MS	V
	97-CTX69-046T	TRUE VALUE PE AUDIT SAMPLE	-	-	ATB	12/14/96	2.00		PG/MS	V

LAB: AFS
CASE: 50103 BATCH: F
INSTRUMENT ID: F
TRANSMISSION: A DATE: 12/06/96

LB/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: / /
TIME:

SHC SAMPLE #	EPA SAMPLE #	ANALYSIS DATE	RATIO TIME	RATIO 320/322	RATIO 332/334	SURROGATE ACC	QCQD CODE	ERROR CODE	VALID CODE	UNITS	COMMENTS
CTK69028	CTK69028	12/06/96	1700	0.32*	0.79	96.51	0.834 U			PG/M3	
CTK69029	CTK69029	12/06/96	1723	0.69	0.80	94.68	0.947 U			PG/M3	
CTK69030	CTK69030	12/06/96	1730	5.11*	0.79	87.72	0.864 U			PG/M3	
CTK69031	CTK69031	12/06/96	1752	1.41*	0.79	92.03	0.926 U			PG/M3	
CTK69032	CTK69032	12/06/96	1806	0.25*	0.79	92.56	0.986 U			PG/M3	
CTK69033	CTK69033	12/06/96	1820	0.71	0.79	93.35	0.970 U			PG/M3	
CTK69034	CTK69034	12/06/96	1835	0.24*	0.79	92.53	0.983 U			PG/M3	

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT OF SUBROGATE OR INTERNAL STD

SHC QUALITY CONTROL SAMPLE CODES:

- P REFOUND DUE TO PERFORMANCE SAMPLE
- R REQUESTED REFOUND
- S AUTOMATIC REFOUND

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA PERIOD CODES:

- A AUTOMATIC REFOUND

12/6/96

JMK

DATE: 12/01/96

CASE NO: 50099 BATCH: A

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50099 BATCH A

FROM: ANDREA JIRICA
CHIEF, LABO/ENSV

TO: CHIEF, EP&R/ENSV

ADD1: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID

S#O NUMBER	SAMPLE NUMBER	EPA SAMPLE DESCRIPTION	SITE			D I C	
			SECTION	ANALYSIS			
				LAYER	LAB	DATE	
97-BPL01-294M		METHOD BLANK	- -	ATS	11/26/96	1.00	U PG/MS V
97-BPL01-294M		METHOD BLANK	- -	ATS	11/26/96	1.00	U PG/MS V
97-BPL01-297M		METHOD BLANK	- -	ATS	11/27/96	1.00	U PG/MS V
97-BPL01-297M		METHOD BLANK	- -	ATS	11/27/96	1.00	U PG/MS V
97-CTX69-016	SC-1		- -	ATS	11/26/96	0.911	U PG/MS V
97-CTX69-017	SC-2		- -	ATS	11/26/96	0.952	U PG/MS V
97-CTX69-018	SC-4		- -	ATS	11/26/96	1.06	U PG/MS V
97-CTX69-019	SC-5		- -	ATS	11/27/96	0.935	U PG/MS V
97-CTX69-020	SC-6		- -	ATS	11/26/96	0.918	U PG/MS V
97-CTX69-021	SC-2		- -	ATS	11/26/96	1.01	U PG/MS V
97-CTX69-022	SC-5		- -	ATS	11/26/96	0.973	U PG/MS V
97-CTX69-023	SC-6		- -	ATS	11/26/96	0.971	U PG/MS V
97-CTX69-024	SC-7		- -	ATS	11/26/96	0.960	U PG/MS V
97-CTX69-025	SC-8		- -	ATS	11/26/96	0.967	U PG/MS V
97-CTX69-026F	BLANK		- -	ATS	11/26/96	1.00	U PG/MS V
97-CTX69-027P	PERFORMANCE EVALUATION AUDIT SAMPLE		- -	ATS	11/26/96	4.12	PG/MS V
97-CTX69-027T	TRUE VALUE PE AUDIT SAMPLE		- -	ATS	11/26/96	4.00	PG/MS V

DATE: 11/20/96

CASE NO: 50097 BATCH: 8

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50097 BATCH 8

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPBR/ENSV

ADD1: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SNO NUMBER	SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE			D UNITS	I C
			SECTION	ANALYSIS			
				LAYER	LAB		
97-SPL01-268W	METHOD BLANK	- -	ATB	11/19/96	1.00	U	PG/M3 V
97-CTX69-011	SC-1	- -	ATB	11/19/96	1.03	U	PG/M3 V
97-CTX69-012	SC-2	- -	ATB	11/19/96	1.04	U	PG/M3 V
97-CTX69-013	SC-4	- -	ATB	11/19/96	0.911	U	PG/M3 V
97-CTX69-014	SC-5	- -	ATB	11/19/96	0.893	U	PG/M3 V
97-CTX69-015	SC-8	- -	ATB	11/19/96	0.904	U	PG/M3 V

DATE: 11/18/96

CASE NO: 50093 BATCH: 1

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MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH 1

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPER/ENSV

ADD1: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE		CONCENTRATION	D UNITS	I C	V		
			SECTION	ANALYSIS						
			LATER	LAB	DATE					
	97-BPL01-259M	METHOD BLANK	-	-	AT&T	11/16/96	1.00	U	PQ/M3	V
	97-CIX69-010	SC-5	-	-	AT&T	11/16/96	0.916	U	PQ/M3	V

~~DATE: 11/18/96~~

CASE NO: 50093 BATCH: G

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH G

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPER/ENSV

ADD1: DIOXIN, 2378-TETRACHLORODIBENZ-P, RAPID

SNO NUMBER	EPA SAMPLE NUMBER	SAMPLE DESCRIPTION	SITE SECTION	ANALYSIS			D UNITS	C
			LAYER	LAB	DATE	CONCENTRATION		
97-BPL01-257M	METHOD BLANK	- -	ATS	11/15/96	1.00	U	PG/M3	V
97-CTX69-005	SC-2	- -	ATS	11/15/96	0.887	U	PG/M3	V
97-CTX69-006	SC-3	- -	ATS	11/15/96	0.892	U	PG/M3	V
97-CTX69-007	SC-4	- -	ATS	11/15/96	0.847	U	PG/M3	V
97-CTX69-008F	SC-BLK	- -	ATS	11/16/96	1.00	U	PG/M3	V
97-CTX69-009P	SC-PE	- -	ATS	11/16/96	2.32	PQ/M3	V	
97-CTX69-009T	SC-T	- -	ATS	11/16/96	2.00	PG/M3	V	

DATE: 11/14/96

CASE NO: 50093 BATCH: C

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH C

FROM: ANDREA JIRKA
CHIEF, LABD/ENSV

TO: CHIEF, EPPR/ENSV

ADDT: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SNO NUMBER	EPA		SECTION LAYER	LAB	DATE	SITE	CONCENTRATION	D UNITS	E C	V
	SAMPLE NUMBER	SAMPLE DESCRIPTION				ANALYSIS				
97-SPL01-2364	METHOD BLANK	-	-	ATS	11/13/96	1.000	U	PG/M3	V	
97-CTX69-004	SC-5	-	-	ATS	11/13/96	0.568	U	PG/M3	V	

BAG 50093

CASE NO: 50093 BATCH: A

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50093 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPER/ENSV

ADD1: DIOXIN, 2378-TETRACHLORODIBENZO-P, RAPID

SPD NUMBER	EPA		SECTION LAYER	LAB	DATE	SITE	CONCENTRATION	D	UNITS	C
	SAMPLE	NUMBER				SAMPLE DESCRIPTION				
97-BPL01-222M	METHOD BLANK		-	-	ATS	11/12/96	1.00	U	PG/M3	V
97-CTX69-001	SC-2		-	-	ATS	11/12/96	0.859	U	PG/M3	V
97-CTX69-002	SC-3		-	-	ATS	11/12/96	0.904	U	PG/M3	V
97-CTX69-003	SC-4		-	-	ATS	11/12/96	0.870	U	PG/M3	V

DATE: 11/27/96

CASE NO: 50099 BATCH: A

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50099 BATCH A

FROM: ANDREA JIRKA
CHIEF, LABO/ENVY

TO: CHIEF, EPR/ENVY

ADDL: D10XIN, 2378-TETRACHLORODIBENZO-P, RAPID

SMD NUMBER	EPA		SECTION LAYER	SITE LAB	ANALYSIS DATE	CONCENTRATION	D		
	SAMPLE NUMBER	SAMPLE DESCRIPTION					I	V	C
							U	PG/M3	V
97-BPL01-294N	METHOD BLANK	-	ATS	11/26/96	1.00		U	PG/M3	V
97-CTX69-016	SC-1	-	ATS	11/26/96	0.911		U	PG/M3	V
97-CTX69-017	SC-2	-	ATS	11/26/96	0.952		U	PG/M3	V
97-CTX69-018	SC-4	-	ATS	11/26/96	1.05		U	PG/M3	V
97-CTX69-019	SC-5	-	ATS	11/26/96	INVALID		PG/M3		
97-CTX69-020	SC-6	-	ATS	11/26/96	0.918		U	PG/M3	V
97-CTX69-021	SC-2	-	ATS	11/26/96	1.01		U	PG/M3	V
97-CTX69-022	SC-5	-	ATS	11/26/96	0.975		U	PG/M3	V
97-CTX69-023	SC-6	-	ATS	11/26/96	0.971		U	PG/M3	V
97-CTX69-024	SC-7	-	ATS	11/26/96	0.940		U	PG/M3	V
97-CTX69-025	SC-8	-	ATS	11/26/96	0.967		U	PG/M3	V
97-CTX69-026P	BLANK	-	ATS	11/26/96	1.00		U	PG/M3	V
97-CTX69-027P	PERFORMANCE EVALUATION AUDIT SAMPLE	-	ATS	11/26/96	4.12		PG/M3	V	
97-CTX69-027T	TRUE VALUE PE AUDIT SAMPLE	-	ATS	11/26/96	4.00		PG/M3	V	

LAB: ATS
CASE: 50003 BATCH: A
INSTRUMENT ID: F
TRANSMISSION: A DATE: 11/13/96

LR/EC/MR FINAL DATA REPORT

FILE RECEIVED DATE: 11/13/96
TIME: 0021

BNO	EPA	ANALYSIS	RATIO	RATIO	SURROGATE	TCDD	RERUN	VALID	UNITS	COMMENTS
SAMPLE #	SAMPLE #	DATE	TIME	320/322	332/334	ACC	CONC.	CODE	CODE	
METH BLK	METH BLK	11/12/96	1841	0.35*	0.79	96.44	1,000 U	V	PG/M3	EPL01228H
CTX69001	CTX69001	11/12/96	1956	0.31*	0.77	96.55	0.859 g	V	PG/M3	
CTX69003	CTX69003	11/12/96	2006	0.12*	0.73	89.41	0.870 U	V	PG/M3	

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- #A SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- #P HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

BNO QUALITY CONTROL SAMPLE CODES:

- P RERUN DUE TO PERFORMANCE SAMPLE
- Q REQUESTED RERUN
- R AUTOMATIC RERUN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA RERUN CODES:

- A AUTOMATIC RERUN

LAB: ATE
CASE: 50093 BATCH: A
INSTRUMENT ID: 6
TRANSMISSION: A DATE: 11/13/96

LR/GC/MS FINAL DATA REPORT

FILE RECEIVED DATE: 11/13/96

TIME: 0010

END SAMPLE #	EPA SAMPLE #	ANALYSIS DATE	RATIO 320/322	RATIO 332/334	SURROGATE ACC	TODD CONC.	RERUN CODE	VALID CODE	UNITS	COMMENTS
CTX69002	CTX69002	11/12/96 2219	0.360	0.82	89.92	0.906 U	V	P0/M3		

QUALIFICATION FLAGS:

- * 320/322 OR 332/334 RATIO OUTSIDE OF ACCEPTABLE RANGE
- ** SURROGATE OUTSIDE OF ACCEPTABLE RANGE
- *** HIGH DETECTION LIMIT
- # SIGNAL TO NOISE RATIO OUT ON SURROGATE OR INTERNAL STD

END QUALITY CONTROL SAMPLE CODES:

- P RERUN DUE TO PERFORMANCE SAMPLE
- Q REQUESTED RERUN
- R AUTOMATIC RERUN

EPA QUALITY CONTROL SAMPLE CODES:

- D DUPLICATE SAMPLE
- M METHOD BLANK
- F FIELD BLANK
- S SPIKE
- P PERFORMANCE EVALUATION SAMPLE

EPA RERUN CODES:

- A AUTOMATIC RERUN

DATE: 12/31/96

CASE NO: 50110 BATCH: E

PAGE 1

MEMORANDUM

SUBJECT: TRANSMITTAL REPORT FOR CASE 50110 BATCH E

FROM: ANDREA JIRKA
CHIEF, LABO/ENSV

TO: CHIEF, EPAR/ENSV

ADD1: DIOXIN, 2378-TETRACHLOROBENZO-P, RAPID

SMO NUMBER	EPA		SECTION LAYER	SITE LAB	ANALYSIS DATE	CONCENTRATION	D		
	SAMPLE NUMBER	SAMPLE DESCRIPTION					I	V	C
							D	UNITS	C
97-BPL01-356M	METHOD BLANK	-	-	ATS	12/20/96	1.00	U	PG/M3	V
97-BPL01-360M	METHOD BLANK	-	-	ATS	12/27/96	1.00	U	PG/M3	V
97-CTX69-050	SC-5 - FINAL RUN	-	-	ATS	12/27/96	0.940	U	PG/M3	V
97-CTX69-051	SC-6 - FINAL RUN	-	-	ATS	12/20/96	0.913	U	PG/M3	V

ATTACHMENT H
PHOTOGRAPHIC RECORD

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Ecology and Environment, Inc.

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Photographic Record

=====
Client: U.S. EPA REGION VII
Camera Make: OLYMPUS OM77AF

E & E Job No.: KJ7102
Serial No. : 1047439

SITE NAME: SOUTHERN CROSS LUMBER DIOXIN SITE
SITE LOCATION: HAZELWOOD, MISSOURI
TDD/PAN No.: S07-9610-008A/0309SCRAXX

Photographer: Joe Parish
Date/Time : 11/23/97/1215
Lens: Type: 50 mm
Frame No. : 1/1
Direction : N
Comments :
EXCAVATING AT SOUTH FENCE
LINE IN PARCEL D



Photographer: Joe Parish
Date/Time : 11/26/96/1330
Lens: Type: 50 mm
Frame No. : 1/4
Direction : N
Comments :
EXCAVATION IN PARCEL D



=====
Ecology and Environment, Inc.

Photographic Record

Client: U.S. EPA REGION VII
Camera Make: OLYMPUS OM77AF

E & E Job No.: KJ7102
Serial No. : 1047439

SITE NAME: SOUTHERN CROSS LUMBER DIOXIN SITE
SITE LOCATION: HAZELWOOD, MISSOURI
TDD/PAN No.: S07-9610-008A/0309SCRAXX

Photographer: Joe Parish
Date/Time : 11/26/96/1330
Lens: Type: 50 mm
Frame No. : 1/5
Direction : E
Comments :
BACKFILLING IN PARCEL D



Photographer: Joe Parish
Date/Time : 12/14/96/1125
Lens: Type: 50 mm
Frame No. : 1/6
Direction : NE
Comments :
CAPPING IN PARCEL C



=====
Ecology and Environment, Inc.

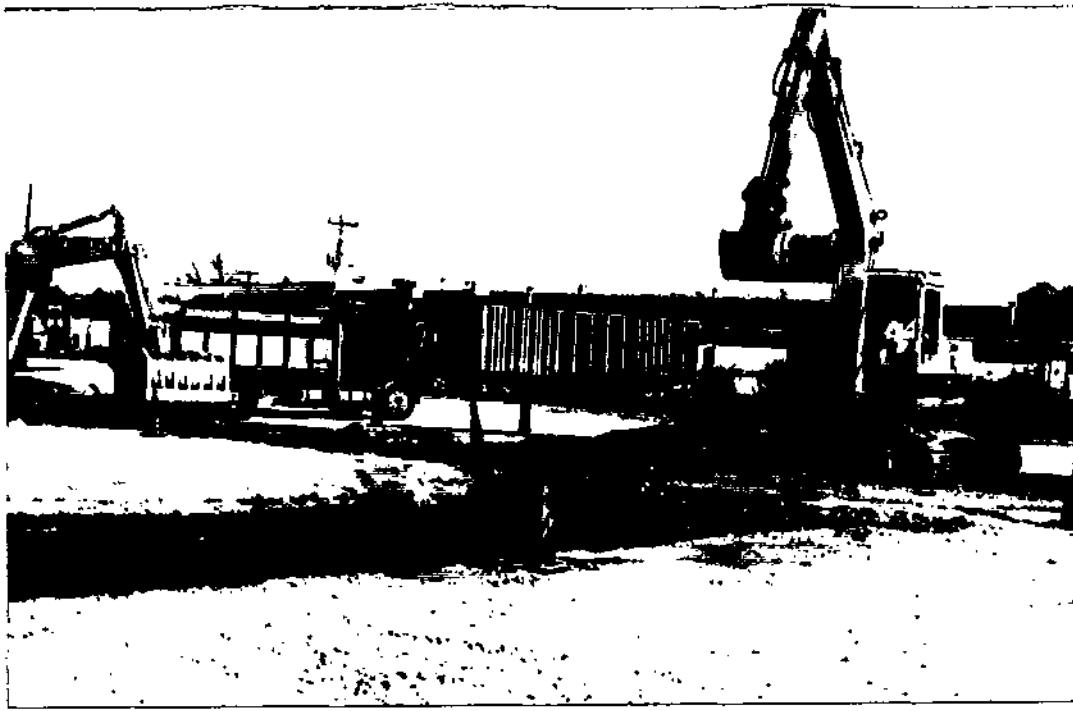
=====
Photographic Record

=====
Client: U.S. EPA REGION VII
Camera Make: OLYMPUS OM77AF

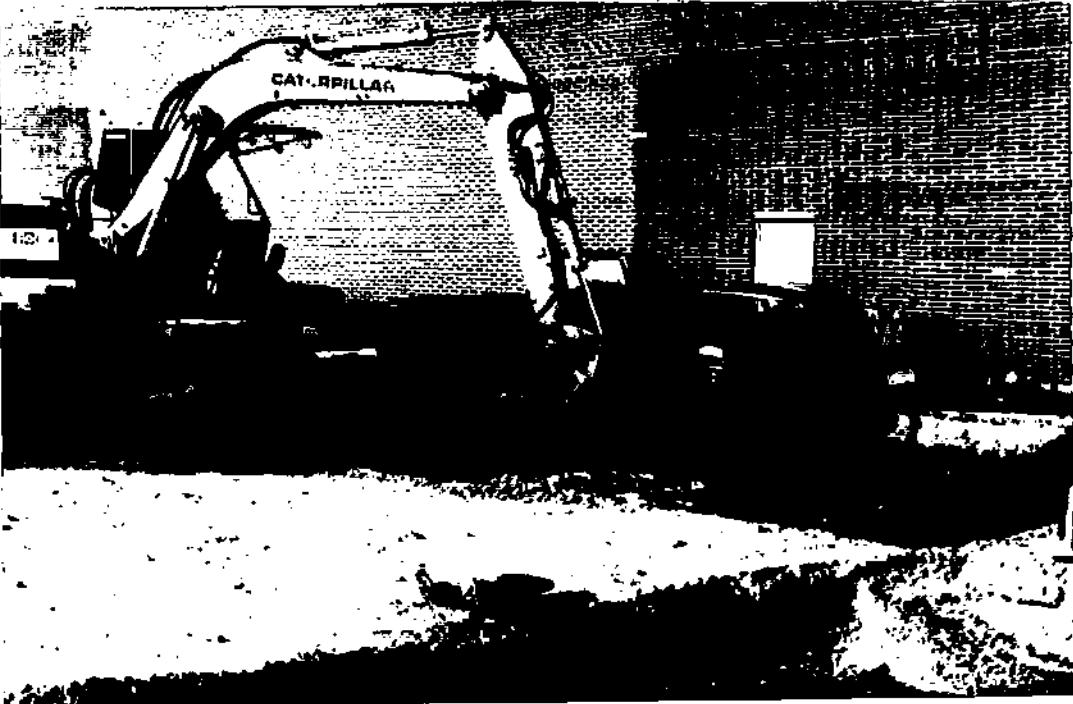
E & E Job No.: KJ7102
Serial No. : 1047439

SITE NAME: SOUTHERN CROSS LUMBER DIOXIN SITE
SITE LOCATION: HAZELWOOD, MISSOURI
TDD/PAN No.: S07-9610-008A/0309SCRAXX

Photographer: Joe Parish
Date/Time : 12/14/96
Lens: Type: 50 mm
Frame No. : 1/10
Direction : E
Comments :
EXCAVATION IN PARCEL



Photographer: Joe Parish
Date/Time : 12/14/96
Lens: Type: 50 mm
Frame No. : 1/11
Direction : NE
Comments :
EXCAVATION IN PARCEL D



=====
Ecology and Environment, Inc.

Photographic Record

Client: U.S. EPA REGION VII
Camera Make: OLYMPUS OM77AF

E & E Job No.: KJ7102
Serial No. : 1047439

SITE NAME: SOUTHERN CROSS LUMBER DIOXIN SITE
SITE LOCATION: HAZELWOOD, MISSOURI
TDD/PAN No.: S07-9610-008A/0309SCRAXX

Photographer: Joe Parish
Date/Time : 12/14/96/1126
Lens: Type: 50 mm
Frame No. : 1/8
Direction : N
Comments :
BACKFILLING IN PARCEL D



Photographer: Joe Parish
Date/Time : 12/14/96/1230
Lens: Type: 50 mm
Frame No. : 1/9
Direction : SW
Comments :
BACKFILLING PARCEL D

